Prio	7-1449	1				O. 6-	08/306,456	ECE	VEI
'!.IST C	OF PATENTS AND OTHER ITEM	AS FOR APP	LICANT'S	1141	N5)				_
	MAY 2 4 2001 12 ) Use several heets if necessary)				APPLICANT: 1/(A) Ronald A. Katz			TAY 2 5	
					NG DATE: ember 14, 199	1.1	GROUPPOIN 2643	nology Cr	enter (
	Thiompse C			ЗСРЕ	5110Cl 14, 199		2043		
		U.S.	PATENT DOCU	MENT	\$6	YE: 1			
AMINER NITIAL	DOCUMENT NUMBER	DATE		NAME	FEB 1970	CLESS	SUB CLASS	FILIN DA	
$\gamma$	3,727,186	04/1973	Stephenson		St.				
	4,599,493	07/1986	Ellis Cave		98 · ·				
	4,769,834	09/1988	Billinger et al.	$\perp$	TO TO				
	4,829,563	06/1989	Crockett et al.		COPY OF PAPERS		- N/I	D	
	4,881,261	07/1986	Oliphant et al.			HE!	1 EIV L		
	4,899,375	02/1990	Bauer et al.		\		B 2 7 200		
$\tilde{\omega}$	4,942,598	07/1990	Davis			Techno	logy Cente	r 2600	
								·	-
		EOREIC	N PATENT DOC	1 14 4 5 4	JTC				
MINER		TORLIG	IN PATEINT DOC	OME	413		SUB	TRANSLA	ATION
ITIAL	DOCUMENT NUMBER	DATE	CO	UNTRY		CLASS	CLASS	YES	NO
	OTHER DOCUM	1ENTS (Inclu	iding Author, Titl	e, Dat	te, Pertinent F	Pages, etc.)			
								<del></del>	
					·	<del></del>	<del></del>	<del> </del>	
					<del></del>				·
						·			
274.1									
	R: S. Woo Mo		DAT	E CO	NSIDERED:	6/11/	07		<u>-</u>
AMINE	ER: Initial if reference is con	nsidered, w	hether or not c	itatio	n is in confc	ormance v	vith MPEP	609; Dr	aw
CAMINE e throug	R: Initial if reference is con h citation if not in conforma	nsidered, w nce and no	thether or not c t considered. I	itatio nclud	n is in confo le a copy of	rmance this form	vith MPEP with next	609; Dr	aw

communication to applicant

Information Disclosure Statement – Section 9 PTO-1449

				<del></del>
RM P1C		( ) 🕍	ATTY. DC	SERIAL NO.
/SUPPLEME	NIAL	VIII	228/046 (6646-N-N5)	08/306,456 PE
<del>                                     </del>	QF PAT	ENTS AND OTHER ITEMS FOR APPLICANT'S	APPLICANT: Ronald A. Katz	() (c)
1016	MFO	RMATION DISCLOSURE STATEMENT	FILING DATE: September 14, 1994	GROUP: FEB 1 9
	<u>@</u>	(Use several sheets if necessary)	September 14, 1331	Dr G
MAR 1 9 20	(ببر 10			CATATRAC
Š.	<u> </u>			- SIVED
PADEMA	<del>%</del>	OTHER DOCUMENTS (Including Author, T	itle, Date, Pertinent Pages, e	etc.)
YADEN	В	Bell Labs News, Volume 21, Number 40, October 5,	1981 (A21710762)	Technology Com
	С	Bell Labs News, Volume 25, Number 36, September	30, 1985 (A21724662)	COPY OF PAPERS
		Bell Labs News, Volume 26, Number 31, August 18,	1986 (A21706398)	HIGINAL PAPE
	D	Dill I No Wil 27 No 1 22 A 25	1000 (101710711)	LLYFILERS
	E	Bell Labs News, Volume 27, Number 33, August 17,	1989 (A21710741)	120
	<u> </u>	Bell of Pennsylvania Press Release, March 13, 1984 (	A21725876)	
	F		·	
		Dorros, Irwin et al., "Reaching into the Future with S	tored Program Control," Bell	Laboratories Record, December
	G	1980, pp. 387-393 (A21710507)	`	
	<del></del>	Voice News, Volume 4, Number 9, October 1984 (A2	21708913)	
	H			-0
	_	Voice News, Volume 6, Number 7, July/August 1986	(A21706303)	NEU
	<u> </u>	Voice News, Volume 7, Number 2, February 1987 (A	21707720) OFC	200
	J	Voice News, Volume 7, Number 2, February 1987 (A	(21707730) IN - CR	27 2001
	K	Voice News, Volume 7, Number 3, March 1987 (A21	707834)	2 7 2007 2007 Center 2600
	L	Voice News, Volume 7, Number 5, May 1987 (A2171	(4110) Technol	<sup>5</sup> 4 500)
501	<b>.</b>	Voice News, Volume 7, Number 10, October 1987 (A	21724749)	•
0 -	M			
			·	· · · · · · · · · · · · · · · · · · ·
	······································			
,				
		·		
		the second secon		
		•		

EXAMINER: S. Woo	DATE CONSIDERED: 6-((-0)
EXAMINER: Initial if reference is considered, whether or	not citation is in conformance with MPEP 609; Draw
line through citation if not in conformance and not conside	red. Include a copy of this form with next
communication to applicant	
formed by D. 1. Co. 1. C. 1. C. D. C. 1.	

ADD DEC				ATTY DC	5.	SERIAL NO.	
SUPPLEME	_	v 2		ATTY. DC 2. 228/046 (6646-114		08/306,456	
TPE	.iviAL l	10		APPLICANT:	/1	33,300,130	·
LIST.	TARGEC	ENTS AND OTHER ITEMS	FOR APPLICANT'S	Ronald A. Katz			- Go
4 ·	- Jan.	RMATION DISCLOSURE	STATEMENT	FILING DATE:		GROUP:	Me of
MAR 1 9 2001 E (Use several sheets if necessary)				September 14, 199	PE	2643	THE SE
TRADEN	REFERENCE	(Ose several slicets if fice	C33di Y)		1 9 2002	S. J.	THE
			U.S. PATENT DC	OCUMENTS C		15	— \ <u> </u>
EXAMINER	<u> </u>		0.5. 17(12.11 0.6	THE WAR	LE TOADS	SUB	FILING
INITIAL		DOCUMENT NUMBER	DATE	NAME	CEASS	CLASS	DATE
		·					
					· ·		
<del></del>	<u></u>				<u> </u>		
			FOREIGN PATENT	DOCUMENTS			
EXAMINER	1				<u> </u>	SUB	TRANSLATION
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES NO
							}
	J	_ <u> </u>				·	· · · · · · · · · · · · · · · · · · ·
		OTHER DOCUM	ENTS (Including Autho	or, Title, Date, Pertinent	Pages, etc	c.)	. •
<del>/  </del>	T	"Network Communication					n Program,
Su-	Α	Issue 1, June 1984		,			
					. 15	<b>E</b> O	
	-			. (	-614	27	
				- aEl	J 7	5005	
				<b>,</b> , , , , , , , , , , , , , , , , , ,	EBL	Ceuter 5000 5005	
					Koolo '	Ce	
				18	340000		-
		-					
· · · · · · · · · · · · · · · · · · ·		·					
	-						
							····
	}						
	-						
	ļ					·	
	1					<u></u>	
EXAMIN	ER: S	W00 (2 :		DATE CONSIDERED:	71.	101	
A. S.	J	"" 8 Mos		Ditte CONSIDERED.	6/11	101	
EXAMI	NER:	Initial if reference is con	nsidered, whether or	not citation is in conf	formance	with MPE	9 609; Draw
line thro	ugh cit	ation if not in conforma					
	iantinn	to annlicent				_	•

FO2M PTO-1449

**SUPPLEMENTAL V** 

**COPY OF PAPERS** ORIGINALLY

ATTY. DC NO. 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT: Ronald A. Katz

FILING DATE: September 14, 1994 GROUP: 2643

#### LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT & TRAC

(Use several sheets if necessary)

	(Ose several sneets if ne	Cessai y)				
		U.S. PA	TENT DOCUMENTS	· · · · · · · ·		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
8~	3,787,632	01/1974	Male et al.			
	3,940,569	02/1976	Schonbrun			
	3,987,252	10/1976	Vicari			
	4,068,099	01/1978	Mikkola		VIED	
	4,087,638	05/1978	Hayes et al.	ECE	7 2002 Center 26	
	4,090,034	05/1978	Moylan	FEB-2	Z 2002	
	4,160,129	07/1979	Peyser et al.	chnolog)	7_2002 Center 26	
	4,192,972	03/1980	Bertoglio et al.	Midser!		*****
	4,221,933	09/1980	Cornell et al.			
	4,255,619	03/1981	Saito			
	4,360,875	11/1982	Behnke			
	4,401,856	08/1983	Curtin et al.			
	4,428,296	01/1984	Scheuchzer et al.			
	4,445,001	04/1984	Bertoglio			
	4,517,412	05/1985	Newkirk et al.			
	4,518,824	05/1985	Mondardini			
	4,549,291	10/1985	Renoulin			
	4,585,903	04/1986	Schiller et al.			
	4,591,665	05/1986	Foster et al.			
	4,600,809	07/1986	Tatsumi et al.			
	4,611,096	09/1986	Asmuth et al.			
82	4,625,081	11/25/86	Lotito et al.			
EVALAINIED.			DATE CONSIDER IN	ECE		

**EXAMINER:** Stella Ubo DATE CONSIDER

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MFI Draw line through citation if not in conformance and not considered.

609; oth next

communication to applicant Information Disclosure Statement - Section 9 PTO-1449

LA-175540.1

Page 1 of 42

SUPPLEMENTAL V

COPY OF PAPE

CHIGINALLY FILED



T NO. ATTY. DC1 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT: Ronald A. Katz

FILING DATE: September 14, 1994 **GROUP:** 2643

#### LIST OF PATENTS AND OTHER ITEMS FOR INFORMATION DISCLOSURE STATEM

(Use several sheets if necessary)

		U.S. PA	TENT DOCUMENTS			
XAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
8~	4,640,991	02/1987	Matthews et al.			
	4,672,660	06/1987	Curtin			
	4,685,127	08/1987	Miller et al.			
	4,747,124	05/1988	Ladd			
	4,759,056	07/1988	Akiyama			
	4,761,808	08/1988	Howard R	FEB 2.7.20 chnology Cen	<u> </u>	
	4,791,666	12/1988	Cobb et al.	FEB-2.7.20	ÚS	
	4,797,818	01/1989	Cotter	chnology Cen	er 2600	
	4,805,207	02/1989	McNutt et al.			
	4,878,240	10/1989	Lin et al.			
	4,893,325	01/1990	Pankonen et al.			
	4,896,346	1/1990	Belfield et al.			
	4,899,373	02/1990	Lee et al.			
	4,908,852	03/1990	Hird et al.			
	4,922,519	05/1990	Daudelin			<u>-</u>
	4,933,965	02/1991	Hird			
	4,989,234	01/1991	Schakowsky et al.			
	5,036,535	07/1991	Gechter et al.			
	5,199,062	03/1993	Von Meister et al.			
	5,222,120	06/1993	McLeod et al.			
	5,299,260	03/1994	Shaio			
Sw	5,303,298	04/1994	Morganstein			

EXAM	INE	R:

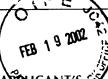
Stella Ubo

DATE CONSIDERED:

2-24-01

FORM PTO-1449
SUPPLEMENTAL Y

COPY OF PARERS ORIGINALI



ATTY. DO 1 NO. 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT: Ronald A. Katz

FILING DATE: September 14, 1994 GROUP: 2643

## LIST OF PATENTS AND OTHER ITEMS FOR ARTICANT'S. INFORMATION DISCLOSURE STATEMEN TRADE

(Use several sheets if necessary)

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
Sou	Engineering and Operations in the Bell System, AT&T Bell Laboratories, 1983 (Book)
	Joel, A.E., "A History of Engineering and Science in the Bell System, Switching Technology (1925-1975)," Bell Telephone Laboratories, 1982 (Book)
	"ISDN - Proceedings of the conference held in San Francisco, November 1986," OnLine, New York:  London
·	Raack, G.A., et al., "Customer Control of Network Services," IEEE Communications Magazine, October 1984 (A21717089) also ISS 84, Florence Italy, May 1984
	Soderberg, J.H., "Machines at your Fingertips," Bell Laboratories Record, July 1969 (A21717175)  Gawrys, G.W. et al., "A New Protocol for Call Handling Functions for the SPC Network," Globecrom '82 Conference Record, November/December 1982
	Buss, C.M., "Tuning the Human/Machine Interface for AT&T Advanced 800 Service," IEEE, July 1985
	Asmuth, R.L., et al., "Transaction Capabilities for Network Services," Globecom '85 IEEE Global Telecommunications Conference, New Orleans, December 1985
	Mahood, Gerald K., "Human Factors in TOUCH-TONE Data Systems," Bell Laboratories Record, December 1971 (A21717170)
Sw	"4 ESS System Evolution," Bell System Technical Journal, August 1981
	BECEIVED
	FFB 2 7 2002
	RECEIVED FEB 2 7 2002 Technology Center 2600
	Jecilione 31
	•
*	
<u> </u>	

EXAMINER:	Stella Wbo	DATE CONSIDERED: 2-2401

SUPPLEMENTALV

COPY OF PAR ORIGINALLY



ATTY. DC ET NO. 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT:

Ronald A. Katz **FILING DATE:** 

GROUP: 2643

LIST OF PATENTS AND OTHER ITEMS FOR AF INFORMATION DISCLOSURE STATES

(Use several sheets if necessary)					September 14, 1994 2643				
			U.S. P	ATENT DOCU	MENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS	1	.ING ATE
8/		5,303,299	04/1994	Hunt et al.		DEO-			
		5,354,069	10/1994	Guttman et	al.	IECE	IVE,		
		5,418,844	05/1995	Morrisey e	al.	FEB 2	2000		
		·	FOREIGN	N PATENT DO	CUMENTS	unology C	entar 2800	)	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	cc	DUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
		0 249 795	12/1987	EPC					No
		2 575 016	07/1986	France					No
		WO 82/02132	06/1982	PCT				yes	
İ									
		OTHER DOCUM	AENITS (Inclu	ding Author Ti	tle, Date, Pertinent	Pages etc.)			
		OTTER BOCON							
		Dial Info Articles (varion Svigals, J., "Security Mo	ous articles we ethod For Re	ith various date	s) (R0016101-R001 e Banking," IBM Te	16188) echnical Dis	closure Bull	etin, Vo	ol. 23,
		No. 12, May 1981, pp			<u> </u>				
		AT&T Conversant Voice Response Systems Historical Overview, January 1988 (FD 023585-FD023596)  "All About Automated Attendant Systems," Datapro Research Corporation, March 1987 (SM 1000682-SM 1000691)  "New Product - Dytel's Automated Switchboard Attendant," reprinted from Business Communications Review, March-April 1984, pp. 39-41 (SM10006976-SM1000699)							
		Arbogast, James G. et a Voice Synthesizer Resp Proceedings - Eighth A	al., "Home D oonse," Annu	iabetes Monito ial Symposium	ring Through Touch on Computer Appli	cations in N	Nedical Care	8th Ca	re
		Perdue, Robert J., et al September/October 19	., "AT&T Voi 90, pp. 52-6	ce Processing S 0 (MMI 024142	ystem Architecture -MMI 024151)	s," AT&T Te	chnical Jour	nal,	
	•	Sable, E.G., et al., "AT AT&T Technical Paper 1987							
		"The Stored Program C	Controlled Ne	etwork" The Be	l System Technical	Journal, Sep	otember 198	32	
SW		The World's Telephon	es, a Statistic	al Compilation	as of January 1980,	AT&T Long	g Lines, 198	1 (Book	)
EXAMINE	R:	A10 100		DA	TE CONSIDERED:	2-24-	01		
EXAMIN	ER: Ini	tial if reference is co	nsidered, v	whether or no	ot citation is in c			PEP 6	 09;

Draw line through citation if not in conformance and not considered. Include a copy of this form with next

Information Disclosure Statement - Section 9 PTO-1449

communication to applicant

Page 3 of 42

SUPPLEMENTALVA

COPY OF PARTIES ORIGINALLY & D

ITEMS FOR APPLICA

ATTY. DOG NO. 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT: Ronald A. Katz

FILING DATE: September 14, 1994 GROUP: 2643

# LIST OF PATENTS AND OTHER ITEMS FOR APPLICANTS

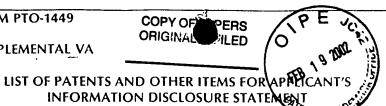
(Use several sheets if necessary)

OMBER DATE  01/1971  08/1974  01/1986  04/1986  06/1988  08/1988	ATENT DOCUMENTS  NAME  Solomon, et al.  Tripsas  Riley  Matthéws, et al.  Norwich  Matthews, et al.		SUB CLASS	FILING DATE
01/1971 08/1974 01/1986 04/1986 06/1988	Solomon, et al.  Tripsas  Riley  Matthéws, et al.  Norwich		CLASS	
01/1971 08/1974 01/1986 04/1986 06/1988	Tripsas  Riley  Matthéws, et al.  Norwich			
01/1986 04/1986 06/1988 08/1988	Riley  Matthéws, et al.  Norwich			
04/1986 06/1988 08/1988	Matthéws, et al.			<b></b>
06/1988 08/1988	Norwich	Dr		
08/1988		Dr-		
	Matthews, et al.	Dr-		
64/4000	<del></del>	MECI	-11/1-0	
11/1988	Patel, et al.	FFR	IVEL	) <u></u>
11/1988	Pfeiffer, et al.	Technology	<u> 2002</u>	
01/1989	Billinger, et al.		enter 2600	)
08/1989	Lemelson			
06/1990	Moody			
08/1990	Willard			
09/1990	Daudelin			
07/1991	Jones, et al.			
07/1991	Shipman			
10/1991	Stern, et al.			
06/1992	Gokcen, et al.			
06/1992	Haralambopoulos, et al.			
11/1992	Mitchell, et al.			
12/1992	Kaufman, et al.			
01/1993	MacMillan, Jr., et al.			
01/1993	LaVallee, et al.			
	01/1989 08/1989 06/1990 08/1990 09/1990 07/1991 07/1991 10/1991 06/1992 11/1992 12/1992 01/1993	01/1989       Billinger, et al.         08/1989       Lemelson         06/1990       Moody         08/1990       Willard         09/1990       Daudelin         07/1991       Jones, et al.         07/1991       Shipman         10/1991       Stern, et al.         06/1992       Gokcen, et al.         11/1992       Mitchell, et al.         12/1992       Kaufman, et al.         01/1993       MacMillan, Jr., et al.	01/1989       Billinger, et al.         08/1989       Lemelson         06/1990       Moody         08/1990       Willard         09/1990       Daudelin         07/1991       Jones, et al.         07/1991       Shipman         10/1991       Stern, et al.         06/1992       Gokcen, et al.         11/1992       Mitchell, et al.         12/1992       Kaufman, et al.         01/1993       MacMillan, Jr., et al.         01/1993       LaVallee, et al.	01/1989       Billinger, et al.         08/1989       Lemelson         06/1990       Moody         08/1990       Willard         09/1990       Daudelin         07/1991       Jones, et al.         07/1991       Shipman         10/1991       Stern, et al.         06/1992       Gokcen, et al.         11/1992       Mitchell, et al.         12/1992       Kaufman, et al.         01/1993       MacMillan, Jr., et al.

		and the second s		
EXAMINER:	Stella	1150	DATE CONSIDERED:	2-24-0

SUPPLEMENTAL VA

COPY OF ORIGINAL ILED



ATTY. DOG T NO. 228/04€

SERIAL NO. 08/306,456

(prev. 6646-114N5)

September 14, 1994

APPLICANT: Ronald A. Katz

FILING DATE: \*

GROUP: 2643

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

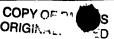
	(Use several sheets if ne	cessary)	September 14,	1994	2043		
		U.S. P	ATENT DOCUMENTS				<del></del>
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		ING ATE
ST	5,186,471	02/1993	Vancraeynest				
	5,214,689	05/1993	O'Süllivan				
	5,236,199	08/1993	Thompson, Jr.				
	5,289,531	02/1994	Levine				
	5,327,554	07/1994	Palazzi, III, et al.	EIV	2002 enter 2600		
	5,361,295	11/1994	Solomon, et al.	R-2-7-	2002		
	5,369,685	11/1994	Kero	Liggy Ce	nter 2600		
	5,416,830	05/1995	MacMillan, Jr., et al.				
	5,511,112	04/1996	Szlam				
	5,537,143	07/1996	Steingold, et al.				
	5,561,710	10/1996	Helms				
	5,623,536	04/1997	Solomon, et al.				
	5,651,048	07/1997	Leeuw				
	5,768,348	06/1998	Solomon, et al.				
		FOREIG	N PATENT DOCUMENTS		<del></del>	•	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS YES	LATION NO
	1162484	04/1967	Great Britain			Yes	
	WO 89/11768	11/1989	РСТ			Yes	
	WO 90/10989	09/1990	PCT			Yes	
	WO 90/11661	10/1990	PCT			Yes	
	WO 91/15818	10/1991	PCT			Yes	
Sw/	WO 92/06548	04/1992	PCT			Yes	
EXAMINER:	C1.110. 1150		DATE CONSIDERED:	) ) )	1 01		

Stella Ubo

2-24-01

$\Gamma \cap$	DAA	DTA	4 4 4	Δ.
+()	K IVA	PTO	- 144	• •
. ~			• • •	

SUPPLEMENTAL VA



ORIGINAL.



ATTY. DO FT NO. 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT: Ronald A. Katz

FILING DATE: September 14, 1994 **GROUP:** 2643

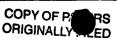
#### LIST OF PATENTS AND OTHER ITEMS FOR INFORMATION DISCLOSURE STATENCE

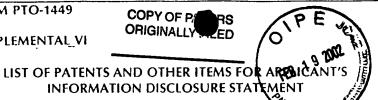
(Use several sheets if necessary)

		FOREIGI	N PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS YES	LATION NO
Su	WO 92/09164	05/1992	РСТ			Yes	
	WO 92/15166	09/1992	PCT			Yes	
	2253542	09/1992	Great Britain			Yes	
	EP 0 382 212 B1	07/1998	EPC			Yes	
	EP 0 382 670 B1	04/1997	EPC  EPC  EPC  EPC  EPC  EPC  EPC  TECHT	MED		Yes	
	EP 0 438 860 B1	09/1996	EPC C	7902		Yes	
	0 451 693 A2	10/1991	EPC KL	8 P	500	Yes	
	0 451 695 A2	10/1991	EPC	0/03/		Yes	
	0 453 831 A2	10/1991	EPC <b>16011</b>			Yes	
si l	0 454 363 A2	10/1991	EPC			Yes	
·							
	1	.1			<u> </u>		

EXAMINER:	Alla	Ubo		DATE CO	ONSIDE	RED:	2-21	4-01	
			 				•		

SUPPLEMENTAL VI





ATTY. DOCKET NO. 228/046 (prev. 6646-114N5)

SERIAL NO. 08/306,456

APPLICANT:

Ronald A. Katz

FILING DATE: September 14, 1994 **GROUP:** 2643

# INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

		U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
8~	4,689,742	08/25/87	Troy et al.			
	4,710,955	12/01/87	Kauffman			<u>·</u>
	4,832,341	JJ/20/89	Muller			
	4,835,630	05/1989	Freer			
	4,850,007	07/18/89	Marino et al.			
	4,916,726	04/10/90	Morley, Jr. et al.		<del>(</del> )	*********
	4,926,462	05/15/90	Ladd et al.	RECEIV	2007	
	5,000,486	03/19/91	Rua, Jr. et al.	Technology		<b>)</b>
	5,003,595	03/1991	Collins et al.	rachnology		
	5,128,984	07/07/92	Katz			
	5,351,285	09/1994	Katz			
	5,403,999	04/04/95	Entenmann et al.			
	5,415,416	05/16/95	Scagnelli et al.			
	5,475,205	12/12/95	Behm et al.			,
	5,490,207	02/06/96	Schorr			
	5,537,143	07/16/96	Steingold et al.	***		
	5,599,046	02/14/97	Behm et al.			
	5,709,603	01/20/98	Kaye			
	5,787,156	07/28/98	Katz			
Sw	5,790,636	08/1998	Marshall			

EXAMINER:	Hella	Wbo	DATE CONSIDERED: 2-24-01

SUPPLEMENTAL-VI

COPY OF PAP ORIGINALLY FILED

NO. ATTY. DOG 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

APPLICANT: Ronald A. Katz

FILING DATE:

**GROUP:** 

LIST OF PATENTS AND OTHER ITEMS FOR INFORMATION DISCLOSURE STA

	(Use several sheets if ne	cessary)	TRALL	September 14,	1994	2643			
		U.S. P	ATENT DOCUM	IENTS				<del></del>	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME .	CLASS	SUB CLASS	1	LING DATE	
8	5,815,551	09/1998	Katz						
	5,835,576	11/10/98	Katz	R	CEI	VED-			
					REB 2-7				
					1	enter 2600			
		FOREIGI	N PATENT DOC	UMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	СО	UNTRY	CLASS	SUB CLASS	TRAN YES	SLATION NO	
	32 25 562	01/19/84	Germany					No	
	2 252 270 B	08/1992	Great Britain				yes		
	0 217 308 A2	04/08/87	Europe				yes		
	0 917 335 A2	05/19/99	Europe		WEE	)	yes	١,	
	246067/1988	10/13/88	Japan	RECE FEB	4-5005			No	
	009353/1988	01/16/88	Japan	FEB	"Cente	(-2 <u>600</u>		No	
	117436/1989	05/10/89	Japan	Technolo	31			No	
1 1	i	1	1		1	1	1	ı	

	59-83270	05/14/84	Japan	 	No
	62-92654	04/28/87	Japan	 	No
	62-98848	05/08/87	Japan	 	No
Su	63-114442	05/19/88	Japan	 	No
			1, 7	<u> </u>	

EXAMINER:	Stella: Ubo	DATE CONSIDERED: 2-24-0

Japan

Japan

05/21/79

02/09/77

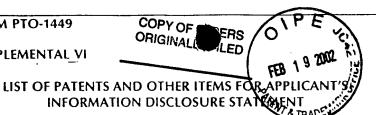
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

54-62708

52-17739

No

SUPPLEMENTAL VI



ATTY, DOCKET NO. 228/046

SERIAL NO. 08/306,456

(prev. 6646-114N5)

September 14, 1994

APPLICANT: Ronald A. Katz

FILING DATE: \*

**GROUP:** 2643

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Inquiry Letter To The F.C.C., From Attorneys For the Prior Title Holder Seeking Rulings That A Particular Game wold Not Be Considered A Lottery Under F.C.C. Reply Letter From The F.C.C. To The Inquiry Letter Stating The Requested Rulings Reply Letter From The F.C.C. To The Inquiry Letter Stating The Requested Rulings A page (page 7) from literature on the Charles Schwab corporation, which is not dated nor identified. A page (page 4) from an annual report dated March 1, 1989, though the actual date on which the report was distributed to the public is unknown. An early brochure based on a March, 1989, survey by Charles Schwab & Co., Inc. A trademark scan (U.S. Federal) indicating a first date of use for Telebroker in June 18, 1988. Bulfer, Andrew F., "AT&T's Pay-Per-View Television Trial", published in AT&T Technical Journal, May/June, 1987 Friedes, A., et al., "ISDN opportunities for large business - 800 service customers," IEEE International Conference on Communications '86, June 22-25, 19086, Vol. 1, pp. 28-32 Allyn, Mark R, et al., "Planning for people: Human factors in the design of a new service," Bell Laboratories Record, May 1980, pp. 155-161 Hanson, Bruce L., et al., "No. 1A VSS New custom calling services," Bell Laboratories Record, June 1980, pp. 174-180 RECEIVED
FEB 2 7 2002 Technology Center 2600

EXAMINER:	Stella	LIA
	81000	(, MDZ

DATE CONSIDERED:

2-24-01

			IPE			
FORM P	TO-1449		Docketold. (optional)		plication	n No.
. <del>-</del> -		ï	228/046 0 7002		08/306,456	
			(prev. 6646-114N5)		Group Art	Unit
INFORM			Applicat		2643	
DISCLOS CITATIO			Ronald A. Katz OPIGIA	OF ~	!	RECEIVED
APPLICA			Filian Data	ALLY ERS	;l	HECEIVED
AI I LIO	VIION		Application Application Ronald A. Ratz  Filing Date	~ TILED		FEB 2 7 2002
SUPPLE	MENTAL V	<b>/1</b>	09/14/1994		1	Contor OFOO
			U.S. PATENT DO	CUMENTS		echnology Center 2600
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			FOREIGN PATENT	DOCUMEN	rs	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
81	WO 87/00370	01/15 /1987	PCT (Int. Application)			
	OTHER	DOCUM	ENTS (Including Author	, Title, Date	, Pertinent P	ages, Etc.)
	Aarons, D., "Th	ne Voice o	of the 80's," PC Magazine, Volum	e 4, Number 5	, March 5, 1985,	p. 114 (A21707135)
	"ACD 'Magic' f	rom AT&T	r's Merlin," Telecommunications I	Product Reviev	v, Volume 13, Nu	ımber 4, April 1986 (A21708371)
	"Actor Promote	s Phone	Services," Hammond Louisiana S	Star, August 23	, 1984 (A217088	360)
	Allerbeck M.	Evnerien	ce with the Voice Mail System EM	4S 2000 Info -	Results of an Ad	ccentance Study * ISS '84
	Florence, May	1984, Se	ssion 14 A, Paper 6, Page 1			
	Allyn, Mark R., May 1980 (A21	et al., "Hi 1709530)	uman Factors in the Design of a I	New Service," I	Bell Laboratories	Record, Volume 58, Number 8,
	Amano, Fumio 1985 (A037014		nagephone!!: Integrated Voice/D	ata Terminal W	ith Hand-Drawin	g Man-Machine Interface," IEEE,
	Ambrosio, Joh 53 (A2170846		ectronic and Voice Mail; They're f	No Match for E	ach Other-Yet," (	Computerworld, May 19, 1986, p.
	"American-Net	work: File	s Complaint Against Pacific Nortl	nwest Bell,* Bu	siness Wire, Jun	e 4, 1986 (A21708495)
			ns Letter of Intent to Merge L D C 4, 1984 (A21708856)	Communication	s Long Distance	Service into the Company,"
	Andrews, Edm 1988 (A01331		Patents: Computer System Lets T	V Audience Jo	in Show," The N	ew York Times, December 24,
	Arnst, Catherin	e, Untitle	d Article, Reuters, September 16	, 1984 (A21708	3908)	, , , , , , , , , , , , , , , , , , , ,
500	"AT&T Annour (A21723927)	ices Majo	r Additions to Telemarketing Prod	ducts and Serv	ices," Telephone	News, December 14, 1987
EXAMINER	<u> </u>	,		DATE CON		
	Stell	a U	bo		2-2	4-01
			l, whether or not citation is in con nd not considered. Include copy			

FORM P	TO-1449		Docket No. (optional)	•	plication	1 No.
. —			228/046		08/306,456	Unit CEIVED
INICODM	ATION		(prev. 6646-114N5)	00	Group Art	Unit Transfer
INFORM. DISCLOS			Applicant /	SIFE	12643	
CITATIO			Ronald A. Katz	CER 1 9 2002	R) R	ECEIVED
APPLICA				FEB 1 9 LD	17	FEB 2 7 2002
			09/14/1994	ر الا	3	LED % 1 5005
SUPPLE	MENTAL V	<b>/</b>	09/14/1994	CAT & TRACE	<u>Jech</u>	nology Center 2600
			U.S. PATENT DO	CUMENTS		-
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
INITIAL	NUMBER					APPROPRIATE
			FOREIGN PATENT I	DOCUMENT	ΓS	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	OTHER	DOCUM	IENTS (Including Author,	Title, Date	Pertinent P	ages, Etc.)
<	"AT&T AT&T	Announce	s New Software Enhancements,"	Business Wire	, February 10, 1	987 (A21707782)
1	"AT&T Announ	ces New	Software Enhancements for its P	BX," PR News	vire, February 1	0, 1987 (A21707779)
	"AT&T Compu	ter Systen	n Will Be Produced Here," The Co	olumbus Dispa	ch, September	9, 1985 (A01354694)
	"AT&T CPU Po	its Voice	Recog on Any Phone," Article So	urce Unknown	(A01354681)	
	"AT&T Conven	sant Voice	Response System," Information	Packet, Date l	Jnknown	
	"AT&T's Digita	MERLIN	," Telecommunications Product R	eview, Volume	13, Number 7,	July 1987 (A21724743) .
			n 75: A Comprehensive Analysis a 11, Number 7, July 1984 (A2172		85's 'Little Cous	in,'" Telecommunications
	"AT&T Forms	Unit to Se	Il Synthetic Speech Systems," Wa	all Street Journ	al, September 1	0, 1985 (A01354689)
	"AT&T Plans C	omputer	Unit," The New York Times, Septe	ember 10, 1985	(A01354690)	
	"AT&T Showti	me's Viev	ver's Choice, Viacom Cable and A	T&T to Test P	ay-Per-View Ord	dering System," Business Wire,
	December 5, 1	985 (A21	708103)			
	"AT&T Sports	Service," I	PR Newswire, September 24, 198	30 (A21710432	)	
	"The AT&T Sy	stem 25,"	Telecommunications Product Re-	view, Volume 1	3, Number 8, Au	ugust 1986 (A21706368)
5W	Press Release	, PR New	swire, November 1, 1984 (A2170	8963)		
EXAMINER		11	1	DATE CONS		,
	Stel	la	Wbo		2-21	l . '
			, whether or not citation is in conf nd not considered. Include copy			

FORM P	TO-1449		Docket No. (optional)		pplication	n No.	o Co		
	10 1110		228/046	· ·	pplication No. 08/306,456 Group Art Unit				
			(prev. 6646-114N5)		Group Art	Unit	TE		
INFORM	ATION SURE CITA	TION	Applican PE		2643				
1	PPLICATIO		Ronald A. Katz	nald A. Katz		RECEIVED \			
			Filing Date 1	周	1		j		
SUPPLE	MENTAL V	<b>/</b> 11	09/14/1994/		FEB 2				
			U.S. PATENT DOCUM	MENTS	Technology	Technology Center 2600			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE IF OPRIATE		
							-		
		F	OREIGN PATENT DOC	UMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS YES	SLATION NO		
						<u></u>			
			(Including Author, Titl						
AT&T Technical Journal – The 5ESS Switching System, Volume 64, Number 6, Part 2, July-August 1985 (A21723626)									
	Excerpt from AT&T Technical Journal, September-October 1990, pp. 53-60 (A21723942)								
	"Automated Switchboard Attendant Helps Insuance Company Control Net Expenses," Communications News, July 1985 (A21726011)								
	Aversano, Nina	a, "The Telep	hone as Computer," Review o	f Business, Fa	ill 1989, p.5 (A21	723928)			
	Ayres, Paul, "V (A21725960)	oice Respor	ise Pay-By-Phone Matures," C	omputerworld	, November 9, 19	979, p. 47			
	Baker, Janet M September 19		ore-And-Forward: The Voice M 33)	essage Mediu	m," Speech Tecl	hnology, /	August-		
	Bakke, Bruce I	B., "Electroni	c Voice Mailbox: Potential for	Fast Growth,"	BC Cycle, June 2	29, 1984	(A21708785)		
	Bakke, Bruce,	B., "GTE's '\	oice Mailboxes' Page the Wo	rld," U.P.I., Ap	ril 11, 1983 (A21	713359)			
	Barbetta, Fran p. 69 (A21708)		ers Digital PBX Enhancement	s," Electronic N	lews, Volume 30	),, Novem	ber 5, 1984,		
	(A21726008)		unctions Offered in New AT&						
		E Internation	letwork Services Complex: A ( al Conference on Communicat						
	Barlin, David, p. 114 (A2170		r: A Data Man's Guide to the V	Vorld of Voice,	" Data Communi	cations, 0	October 1984,		
	Basso, Richar	d J., et al., "E	expanding the Capabilities of the uary 1983, pp. 22-27 (A217245)		rvice Position Sy	stem," Be	ell		
Two the same of th			es in Mexico; U. S. Relief Inclu 22, 1985 (A21708026)	des Hardware	Experts; Cash A	Aid Sugge	ested," Los		
EXAMINER	Stull	a W	po	DATE CON	SIDERED 2-24-	-01			
			hether or not citation is in con				the applicant		

	FORM PTO-1449 Docket No. (optional)			pplication No.				
FORM P	IO-1449		Docket No. (optiona	1) (				
			228/046	00	08/306,456			
INFORM	ΔΤΙΩΝ		(prev. 6646-114N5)	AGOPY	Group Art	Unit		
	SURE CITA	TIØNIE	Applicant	夏泉	2643			
AN APPL	ICATION	10	Ronald A. Katz	COPY OF PAPERS	DEC	CEIVED		
		( FEB 19 70	Filip Date		חרי			
SUPPLE	MENTAL VI	( EPD	09,4/1994		FE	B 2 7 2002		
		STENT & TRA	LIC DATENT DO	)	Toohno	logy Center 2600		
<u> </u>	,		U.S. PATENT DO	CUMENIS	Jechno	logy come		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
						·		
			FOREIGN PATENT	DOCUMEN	тѕ			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	OTHE	R DOCUMEN	TS (Including Author,	Title, Date	, Pertinent P	ages, Etc.)		
Sur	Press Release	, PR Newswire,	December 5, 1985 (A217081	06)				
	Chapin, Dwight, "A Kids' Game," Article Source Unknown (A21706674)							
	Charlish, Geof (A21708203)	frey, "Telephone	Message that Failed to Get /	Across to the U	J. K.," Financial ?	Fimes, January 16, 1986		
		s R., "Reality of E 1984, p. 128 (A2		n Problems," T	elephone Engine	eer & Management, Volume 88,		
	*Company Nev	vs: Phone Servic	e to be Tested," The New Yo	rk Times, Janu	Jary 20, 1989 (A	01331395)		
	"Components,"	Electronic News	s, 1984 (A21726007)					
	"Computerized	Telecommunica	tions Switching Systems," Ar	ticle Source U	nknown			
	Connolly, Jame	es, "Republican (	Convention Set to Test Telec	ommunications	s," Computerwor	ld, July 9, 1984, p. 17 (A21708804)		
	Conroy, Cathry	rn, "Audiotex Arr	ives,* Monitor, Date Unknowr	n (W71189)	<u> </u>			
	*Corporate Pre (A21708457)	occupation with	Costs Spurs Telephone Man	agement Sales	s," Computerwor	ld Focus, May 14, 1986, p. 13		
	Cox, John D.,	Talk Into Teleph	one, Command a Computer,	The Sacrame	nto Bee, Septen	nber 10, 2985 (A01354683)		
	*CPU, PBX Ve	ndors Drawing A	Iliances,* Computerworld, Ap	ril 23, 1984, p.	15 (A21708674	)		
		., et al., "4A Toll 323 (A21716223		ell System Tec	chnical Journal, \	Volume 57, Number 2, February		
	Croxall, L. M., (A21725550)	et al., "Operation	al Experience with the 5ESS	™ Switch,* ISS	Florence, Sessi	ion 42 A, Paper 4, May 1984		
Su	Cummings, Ste (A21707565)	eve, "Voice-Mail	Systems Attract Tentative Int	erest," PC Wee	ek, Volume 3, Ni	umber 49, December 9, 1986, p. 140		
EXAMINER	<u></u>	1 4		DATE CONS	SIDERED			
EVALUED	Stella	Who		L	224-			
			er or not citation is in conform					

FORM PTO	O-1449		Docket No. (optio	nal)	pplication	n No.		
			228/046		08/306,456 OPY OF PATELLED			
INIEODMA.	TION DISCL	OSLIBE	(prev. 6646-114N5	5)	Group Art	Unit ORIGINALLY FILED		
	IN AN APP		Applicant		20 E			
	,		Ronald A. Katz	6	1 2 Kil	CEIVED		
SUPPLEM	IENTAL VII		Filing Date	- 1 -	1 8 2005 K	RECE! 2000		
			09/14/1994	/ FE		RECEIVED FEB 2.7 2002		
		U	S. PATENT DO	CUMEN	& TRACE!	FEB 2 7 2000 Technology Center 260		
EXAMINER	DOCUMENT	DATE	NAME	CLASS	SUBCLASS			
INITIAL	NUMBER	DATE	17,0112	00.00	00000100	APPROPRIATE		
			,					
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	OTHER D	OCUMENTS (	Including Author,	Title, Date,	Pertinent Pa	iges, Etc.)		
5,	Curtis, Janice, "At a Turning Point, VMX Makes Moves to Boost Voice Messaging Business," Dallas Business Courier, Volume 2, Number 13, Section 1, July 14, 1986, p. 19 (A21706328)							
	Daniel, Heidi C., "Inventor Battles Computer Giants," South Florida Business Journal, August 12, 1985 (A21707969)							
	Press Release,	Communications I	Daily, Volume 4, Number	177, Septemb	er 11, 1984, p. 7	' (A21708903)		
	Danner, Patrick, "Dial Info Charges Electronics Giant Disconnected Deal," San Francisco Business Times, Volume 2, Number 33, April 18, 1988 (A21724767)							
	Excerpt from Da	ta Communication	ns, September 1985, pp.	399-410 (A217	'07991)			
	Davis, Judith R., (A21716964)	, "Voice Messagin	g Systems," Patricia Sey	bold's Office C	omputing Repor	t, Volume 10, Number 9, p. 1-28		
	Day, J. F., et al.,	, "Networking Voic	e and Data with a Digital	PBX," AT&T T	echnology, Date	e Unknown (A21707584)		
	Whitten, W. B., I	II, "Advanced Inter	faces Speed Delivery of	Services," AT8	T Technology, [	Date Unknown (A21707593)		
	"Definity Annour March 1989 (A2		Other New Products," Te	lecommunicati	ons Product Rev	riew, Volume 16, Number 3,		
		, et al., "An Integra aper 3, Page 1-5 (		apability for the	e 5ESS System,	ISS '84 Florence, May 1984,		
		"Patented Call-Ro August 1, 1988 (A		ail Industry; Ins	talink Will Use IS	SDN for Automatic Number ID,"		
	"Dial-A-Drill," Th	e New York Times	s, January 20, 1969 (A21	725951)				
	"Dialing for Pen	nies,* California Li	ving Magazine, August 1	2, 1984 (A2170	08855)			
SW.	"Distributed Data	a Processing and	Messaging Systems," Da	ita Communica	tions, May 1986	, p. 105 (A21708428)		
EXAMINER	Stella	Ubo		DATE CONS	SIDERED _ 24_	0		
		dered, whether or	not citation is in conform dered. Include copy of the	I ance with MPE	P 609. Draw line	e		

		_		IV	plication	1 Ma	
FORM PT	U-1449		Docket No. (optio	nai)		\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
, -			228/046		08/306,456	SIN ON	&
INFORMA	ATION DISCI	OSURE	(prev. 6646-114N5	5)	Group Art	Unit	7000 CO
CITATION	IN AN APP	LICATION	Applicant		2643	IPE	(P)
			Ronald A. Katz		/	mar kil	
SUPPLEMENTAL VII			Filing Date		<b>\</b>	FEB 19 DATE 18	•
			09/14/1994		\	Can Silver	
			U.S. PATENT DOCUMENTS			TA TRACE	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
						ECFIVED	
		F	OREIGN PATENT D	OCUMENT	s F	SEOF 3 7 SUUS	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO CENTER 2	00%
					1	ecupores,	
-	OTHER C	OCUMENTS	(Including Author,	Title, Date,	Pertinent Pa	ages, Etc.)	
Dix, John, "AT&T Breathes New Life into its Switch-and-Wire Beast," Network World, October 27, 1986, p. 1 (A21706662)							
	Dix, John, "AT&T Tries Different Tack," Computerworld, November 25, 1985, p. 19 (A21708097)						
	Dix, John, "AT&T Unleashes 'Gazelle,'" Computerworld, April 30, 1984, p. 2 (A21708710)						
	Dix, John, "Enh	ancements Out fo	r AT&T's High-End PBX,	'Computerwor	ld, November 12	2, 1984, p. 99 (A21708970)	<del></del>
	Brown, Jim, "VI	MX 5000 Series: V	oice Messager Debuts,"	Network World	, October 13, 19	86, p. 6 (A21706653)	
	Dix, John, "Ford	Motor Co.; Drivin	g Down Costs with Voice	Mailboxes," N	letwork World, J	uly 14, 1986, p. 32 (A21706)	326)
	Dix, John, "Hel	lo, This is a Voice	Mail Recording.," Netwo	rk World, July	14, 1986, p. 1 (A	21706331)	
	Dix, John, "Rolr	n; Long-Awaited F	Redwood to Debut at ICA	Today," Netwo	ork World, June 2	2, 1986, p. 4 (A21708493)	`
	Dix, John, "Swit	ch Management:	DEC Tools Debut at ICA,	Network Wor	ld, June 9, 1986	, p. 8 (A21708497)	
	Dix, John, "Unif (A21706473)	ied Messaging; A	Γ&T Reveals New Messa	ge Blueprint,"	Network World, S	September 22, 1986, p. 1	
	Dix, John, "Void	e/Data PBXs: Mo	re than Today's Users Ne	ed?," Comput	erworld, April 23	, 1984, p. 14 (A21708669)	
	*Dollars from D	aling," Fortune, M	arch 16, 1987, p. 10 (A21	1707648)			<del></del>
		Evolving Capabiliti y-February 1981 (		Telecommuni	cations Network	" Business Communications	5
	Dowd, Ann Rei	ly, et al., "Dollars	from Dialing," Fortune, M	arch 16, 1987,	p. 10 (A217078	39)	
		ry, "Voice Process (A21708826) (ille		uter? Technolo	ogy," Speech Te	chnology, August-Septembe	er -
Sw		Digital PBXs Zero 1, p. 44 (A217089		b of Office," Co	ommunications N	lews, Volume 21, Number 1	2,
EXAMINER	CA 11	14		DATE CON	4	,	
	Stella	Vlbo			24-		
EXAMINER: In	nitial if citation cons	idered, whether o	r not citation is in conform	nance with MP	EP 609. Draw lin	e	

700									
FORM P	TO-1449		Docket No. (option	onal)	Application No.				
		,	228/046	•.	08/306,456				
INCORM	ATION DIO		(prev. 6646-114N5	5)	Group Art Unit	PE			
CITATIO	ATION DISC	JLUSURE	Applicant		2643	انغ میں			
APPLICA			Ronald A. Katz	COPL	( 40	18 2000 3			
		Filing Date	COPY OF PA ORIGINALLY F	per 100	15				
SUPPLE	MENTAL VI	1	09/14/1994	ORIGINALLY F	LED ATE	TRACE LINE			
	<b>F</b>	r	U.S. PATENT DO	CUMENTS		·			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
						·			
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
5			Aids for Telephone-Base Telecommunications, Se			International			
	Eichenwald, Kurt, "Just a Phone Call Away: More Dial-It Services," The New York Times, April 16, 1988 (A21725852)								
	Excerpt from Electrical Communication Facilities (in Japanese), Volume 33, Number 9, 1981 (A21724248)								
	"Electronic Swite (A21716673)	ching: Digital Cent	tral Office Systems of the	World," Edited b	y Amos E. Joel, Jr., IEEE	Press, 1982			
	"Electronic Voice (A21708510)	e Mail Revolutioni	zing Communications," T	ulsa Business Ch	nronicle, Volume 5, Numb	er 26, June 30, 1986			
	Press Release,	PR Newswire, Ma	rch 20, 1984 (A2170864	7)	DEC	EIVED :			
	Elliot, Thomas F	R, "A Voice in the	Wilderness," Computerw	orld, June 13, 19	84, p. 76 (A21708779)				
	Emerson, Jim, *	Catalog Business	" DM News, December 1	5, 1985 (A21708	FEB	2 7 2002			
	Emerson, Jim, "	Eliminating Live C	perators," DM News, De	cember 15, 1985	(A217081) <b>Fechnolog</b>	y Center 2600			
		pert M., "Island Pa 1984, p. 104 (A21	radise Gets System Upd 708904)	ate," Telephone E	Engineer & Management,	Volume 88,			
	Evans, S. A., et (A21710392)	al., "Talking and t	istening to the Conversa	nt 1 Voice Syster	m," AT&T Technology, Da	ate Unknown			
		ASM-200 Answeri , 1986 (W11483)	ng Service Monitor Syste	em, General Desc	cription Installation and Op	peration Manual, Issue			
·	Fantel, Hans, "\	Video: Movies Hot	Off the Tube," The New	York Times, Mar	ch 29, 1987 (A21707890)				
5	"The Father of V	oice Messaging,"	Network World, Novemb	per 1984, p. 57 (A	21708942)				
EXAMINER		1		DATE CONSID	DERED				
	Stella	Wbo		′	2-24-0				
II .		•	or not citation is in confo nsidered. Include copy o			applicant.			

						- Co		
FORM PT	O-1449		Docket No. (optional)		Application	1 NON THE TO		
			228/046		08/306,456	TAR S		
INFORMA	TION DISC	LOSLIDE	(prev. 6646-114N5)		Group Art	Unit PE JC AR		
CITATION		LOSUNL	Applicant		2643	CIPE ST		
APPLICAT			Ronald A. KREC	EINFN		a mas ril		
			Filing Date	o 7 2002		阳小		
SUPPLEM	IENTAL VII		09/14/1994 FEB	2 7 2002	\	en 55		
			Technolog	<del>w Center 2600</del>	)	ENTA TRACE		
			09/14/1994 U.S. PATEN PCO DO	MENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
Feldman, Robert, "New AT&T Packages Designed to Spruce up Systems 75/85," MIS Week, June 2, 1986, p. 30								
8,	(A21725895)							
	Fine, Happy, "	Tavern on the Blu	uegrass," Eastern Basketball, I	Date Unknown (A21	706749)			
	"Firm Created	After Patent Suit	Against First Data," Reuters, (	October 17, 1994 (A	.01331388)			
	Fischell, David (A34100164)	R., et al., "Intera	ctive Voice Technology Applic	ations," AT&T Tech	nical Journal, Se	eptember-October 1990		
	Foster, Robin I (A21712913)	farris, "In the Fo	refront with Integrated Call Ce	nters," AT&T Techn	ology, Volume 7	, Number 4, 1992		
	Froehlich, F. E. Volume 57, Nu	., et al., "The Swi mber 10, Decem	itched Network Transaction Te ber 1978, pp. 3475-3485 (A21	lephone System," 7 725995)	he Bell System	Technical Journal,		
	Froehlich, Leop to Move from T	oold, "Are Smart elephony into Of	Buildings a Dumb Idea? If The fice Automation,	y're Going to Prosp Volume 31, Octobe	er, Shared Servi er 1, 1985, p. 101	ice Providers Will Have I (A21708046)		
	Gates, G. W., 6 (A21725913)	et al., "Software,"	The Bell System Technical Jo	urnal, Volume 61, N	Number 5, May-J	lune 1982, pp. 863-883		
		et al., "Scanned- 991 (A21713611	Image Technologies Bring New )	w Ways to Conduct	Business," AT&1	Γ Technology, Volume		
çu	Gawronski, Jar Digital Equipme	ne Donnelly, et a ent Computer Us	I., "Audio Response System to sers Society, Volume 1, Numbe	Practice Mental Co er 2, Fall 1974, pp.6	mputation Skills 33-636 (A21725	," Proceedings of the 979)		
EXAMINER		1		DATE CONSIDER				
	Stell	a Ub	<b>⇒</b>	2	-24-	<b>フ</b>		
			or not citation is in conformant is idered. Include copy of this f			applicant.		

FORM PT	O 1440	-	Docket No. (opti	onal)	plication No.				
FORWIFT	O-1449		228/046	Onary	08/306,456				
,		•	(prev. 6646-114N	IE)	Group Art Unit				
II.	ATION DISC		Applicant - 2643						
CITATION	I IN AN APF	LICATION	Ronald A REC	EIVE	1 /	( )			
SUPPLEA	MENTAL VII		Filing Date FEB		T	FEB 1 9 2007 Ki			
0011221			1 ming Date FEB	2 7 2002	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \				
	- · · · · · · · · · · · · · · · · · · ·		09/14/Technolog	ly Center 2	600	TRACE TRACE			
			J.S. PATENT DOC	UMENTS -	600 GMALY PROPERTY OF PARTY OF	,			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
		l 				<u> </u>			
		FOF	REIGN PATENT DO	CUMENTS	;				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
		·			Pertinent Pages, Et	*.			
S	Gawrys, G. W., "ISDN: Integrated Network/Premises Solutions for Customer Needs," IEEE, 1986, pp. 1.1.1-1.1.5 (A21725555)								
	Gaylord, D. M., "Better Health for Hospitals with DIMENSION 2000 PBX," Bell Laboratories Record, July-August 1981, pp. 170-173 (A21724371)								
Gerald, Jeannette A., "A Voice Response System for General Aviation Pilots," Article Source Unknown (A21708877)									
	Gibson, Stanley (A21707568)	y, "Audix Upgrades I	Include Messaging, Billin	ng, Manageme	ent," Computerworld, Dec	cember 15, 1986, p. 29			
	Gibson, Stanle	y, "Octel Links Voice	Mail System to Rolm P	BX," Compute	rworld, December 8, 198	36, p. 42 (A21707564)			
		t al., "Voice Power G 12712) repeated (A2		ing – And Thei	n Some,* AT&T Technolo	ogy, Volume 4, Number			
	Gitten, L. J., et	al., "5ESS System E	Evolution," ISS Florence	, Session 41 A	, Paper 1, May 1984 (A2	21725543)			
			ineering Approach Appl * ISS '84 Florence, Sess		plete Design and Produc er 1, May 1984	ction Process of Large			
		k L., "Send A Messa 1986, p. 43 (A21706		etworks Can G	ive Companies a Compe	etitive Edge," Industry			
	"Gotcha!," Edite	ed by John A. Conwa	ay, Forbes, March 10, 1	986, p. 9 (A21	708345)				
	Gottlieb, Dan, * (A21724641)	Does the Bell Toll fo	or Voice/Data Independe	ents?," Purchas	sing, December 13, 1984	\$, pp. 103-108			
	Grau, Jeff, "IBN (A01346366)	∄ Hints at Entering V	oice Response Market	in 1992," Article	e Source Unknown, Dec	æmber 11, 1990			
	Greene, James University Stud	E., et al., "Voice Re lents and Administra	esponse System Sticks to stors,* Communication A	o the Script an ge, January 19	nd Saves Time, Money a 986 (A21724080)	nd Tempers for			
Sw			n Telephone Service: So repeated (A21725857)	me Bad News	for Nuisance Callers," T	he New York Times,			
EXAMINER	Stella	(M. Bo		DATE CONS	2-24-0	1			
			not citation is in conform ered. Include copy of th		EP 609. Draw line ext communication to the	applicant.			

FORM P	ΓΩ-1449		Docket No. (option	al)	plication No	).		
1 011111	10-1445		228/046	,	08/306,456			
•			(prev. 6646-114N5)		Group Art Unit			
INFORM	ATION DISC	LOSURE	Applicant		2643	TPE		
CITATIO			Applicant RFC	CEIVE	D\ 08/			
APPLICA	TION				1 1 1 1 1 1	FEB 1 9 2007 14		
SUPPLEMENTAL VII				<b>3 2 7</b> 200	D ORDER OF PROPERTY OF PROPERT	12		
JOHNEL	MEIAIVE AII		09/14/199 Technolo	av Center	2600	A 3 / I I I I I I		
			U.S. PATENT DO	CUMENTS	- E	AS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	OTHER	DOCUMENTS	6 (Including Author,	Title, Date	, Pertinent Page	s, Etc.)		
Grunbaum, Rami, "Genesis Electronics Heeds the Voice Mail Calling," The Business Journal – Sacramento, Volume 2, Number 49, March 10, 1986 (A21708341)								
	Gunderson, Gary W., "Computer Consoles; Can Your Community Save Lives when Seconds Count?," Business Wire, February 4, 1987 (A21707772)							
	Hafner, Katherine	e, "Hello Voice M	ail, Goodbye Message Slip	s," Business V	Veek, June 16, 1986	(A21708507)		
	Hafner, Katherine	e, "System 85 Ta	rgets Leading-Edge Users	NBI," Compu	terworld, September	5, 1983, p. 53 (A21724580)		
	Hafner, Katherine	e, "Temporary Te	lephones," Network World,	May 2, 1984	(A21708739)			
	Hafner, Katherine	e, "The Venture (	Capital Adventure," Network	k World, Augu	st 1, 1984 (A2170883	7)		
	Hamel, Bob, "Vo	ice Messaging; V	MX Gives Firms Edge," Ne	twork World, i	March 16, 1987 (A217	707864)		
	Hanson, Robert . (A21708818)	J., "The DSC-200	00 VoiceServer System,* Si	peech Techno	logy, August-Septem	ber 1984, pp. 55-65		
	Herits, E., et al.,	"A New Look for	the White Pages," Bell Lab	oratories Reco	ord, June 1980 (A217	09547) .		
	Hardy, James O. (A21710422)	, et al., "Handling	Coin Toll Calls - Automat	ically," Bell La	boratories Record, Se	eptember 1980, pp. 256-262		
	Harrar, George, (A21708404)	"Interview: Ed La	ndry; Making Office Conne	ctions at John	Hancock," Computer	world, April 14, 1986, p. 63		
	Hasui, Kouya, et 24, Number 7, Ju			munication Sy	stems," IEEE Commu	unications Magazine, Volume		
5~	Coover, Edwin R Number 7, July 1		tegration in the Office: A Pt A03701442)	3X Approach,"	IEEE Communicatio	ns Magazine, Volume 24,		
EXAMINER	Stell	a Wo	∾	DATE CONS	SIDERED 2-24-	0		
			or not citation is in conformationsidered. Include copy of the			the applicant.		

,			<del></del>					
FORM P	TO-1449		Docket No. (optional)		Application No.			
			228/046		08/306,456			
INICODIA	ATION		(prev. 6646-114N5)		Group Art Unit	IPE		
INFORM	ATION SURE CITA	TION IN	Applicant	-OEN/F	<b>16</b> 13	01, 5 4		
11	JCATION	TION IN	Ronald A. Katz R	CEIVE	1 28	- a 2002 Ril		
ANATILIOATION			1	2 2 7 20	N2 <b>\</b>	阳		
SUPPLE	MENTAL V	11	09/14/1994	nnology Cent	12A00 = 1			
			Tec	huology cerr	1 2 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THAT TRACE		
			U.S. PATENT DOCI	JMENTS	1 1 1 1 1 1 1			
EXAMINER	DOCUMENT	DATE	NAME	CLASS	SUBCLAS	FILING DATE IF		
INITIAL	NUMBER		, , , , , , , , , , , , , , , , , , , ,		•	APPROPRIATE		
			FOREIGN PATENT DO	CUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	OTHER	R DOCUMEN	ITS (Including Author, T	itle, Date, Perl	inent Pages, Etc	.)		
Haszto, E. D., et al., "ALLIANCE Teleconferencing Services Boost Business Efficiency," AT&T Technology, Volume 3,								
Number 1, 1988 (A21724796)								
Heberle, W., "Accumulation of the Signals when Using the Pushbutton Telephone for Data Entry," Proceedings of the 5 <sup>th</sup> International Symposium on Human Factors in Telecommunications, September 1970 (A21725766)								
		, et al., "Transac I-3347 (A217259	tion Network Service," The Bell 986)	System Technical	Journal, Volume 57, N	umber 10, December		
	Henricks, Mark 1986 (A21708)		lapanese Connection," Dallas-F	ort Worth Business	Journal, Volume 9, N	umber 30, March 17,		
	Hillhouse, Jose 1984, p. 84 (A		Hub: Keeping Communications	on Track," Compu	ter Decisions, Volume	16, November 15,		
	Hindlin, Eric, "F	PBXs Becoming	Practical Alternative to LANs," F	C Week, Volume	4, March 17, 1987, p.	C16 (A21707870)		
	Hird, E. V., "Pa	arty Line Cost Cu	utters," Telephone Engineer & M	lanagement, Volun	ne 90, May 1, 1986, p.	51 (A21708442)		
	Hollitz, John.	Giving Information	on without Human Intervention,*	The Business Jou	rnal – Sacramento, Vo	lume 3, Number 26,		
			5, p. 25 (A21706505)					
	*Home Shoppi	ng Network Halt	s Talks," The Washington Post,	February 19, 1987	(A21707804)			
	"The HORIZOI January 1983		ent System Tackles High Call V	olume Demands,*	Telecommunications F	Product Review,		
		et al., "AT&T Sys epeated (A2172	stems Link the University of Mar 5512)	yland," AT&T Tech	nology, Volume 7, Nur	mber 2, 1992		
	Horwitt, Elisab	eth, "AT&T Ench	nancements Fill Gaps in System	75 Digital PBX," C	computerworld, June 1	6, 1986 (A21708505)		
5~/	Horwitt, Elisab p. 8 (A217084		veil Low-End PBX: Digital Syste	em Bucks Feature-	Rich Trend," Compute	rworld, June 2, 1986,		
EXAMINER	1	<u> </u>		DATE CONSID	ERED			
	Stella	ceW		2	-24-01			
EXAMINER:			ner or not citation is in conforma	nce with MPEP 60	9. Draw line			

through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FOR	M PT	O-1449		Docket No. (optio	nal)	plication No.		
			FPAPERS	228/046		08/306,456		
INICO			ALLY FILED	(prev. 6646-114N5	<b>5</b> )	Group Art Unit		
		ATIO <u>N DISCL</u> N IN AN APPL		Applicant		2643	TPE	
		• 11• / (1• / (1   1	.10/11/014	Ronald A. Katz		VED		
SUPPLEMENTAL VII				Filing Date	RECE	IVED	FEB 19 20012 13	
			09/14/1994	FEB 2	7 2002	Str. 13		
U.S. PATENT DOCUMENTS CENTER 2600						FIRAL		
EXAMII INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
							·	
			FC	REIGN PATENT D	OCUMENTS	3 ·		
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
		OTHER DO	CUMENTS (	Including Author, 1	litle, Date, I	Pertinent Pages, E	tc.)	
5	Howitt, Doran, "Boom For Voice Mail Systems," InfoWorld, October 29, 1984, pp. 37-38 (A21708940)							
		Hubbard, Thomas Leo, "Richardson: High-Tech Prosperity," Dallas Magazine, Volume 66, Number 2, February 1987 (A21707741)						
	Huber, K. M., et al., "Getting the Message with UMS," AT&T Technology, Volume 1, Number 1, 1986 (A21708123)							
	Swann, L., "Universal Operations Systems – Integrated Building Blocks," AT&T Technology, Volume 1, Number 1, 1986 (A21708141)							
		Hunter, John J., "T Network World, Ju		ternative: Voice Messagi 714278)	ng Unshackles	Users from Traditional T	elephone Limitations,"	
	1	Hutchins, Dexter,	The Legal Battle	s Over Voice Messaging	," Fortune, Octo	ober 28, 1985 p. 104 (A2	1708066)	
		"IBM Gives Voice ( (A01346371)	to PS/2, RS/5000	Platforms," Voice Proce	ssing Newslett	er, Volume 10, Number 2	22, August 1, 1991	
	<del>                                     </del>	"IBM Introduces 2	Phone Systems,	The New York Times, D	ate Unknown (	A01346365)		
	<del> </del>	*IBM, Inventor Rea	ach Patent Agree	ment," The Washington F	Post, August 30	), 1985 (A21707976)		
		"IBM Reaches Pat	ent Agreement w	vith Inventor," U.P.I., Augu	ust 29, 1985 (A	21707974)	-	
		"IBM-Rolm Eye CE	3X-SNA Link," Co	omputerworld, January 5,	1987 (A21707	572)		
		"IBM Says New Lin	ne of Big Compu	ters is Faster than Promis	sed," Wall Stree	et Journal, Date Unknow	n (A01346364)	
		"ICA Slates Huge I 88, April 15, 1984,		Includes Program and Li 57)	st of Exhibitors	," Telephone Engineer &	Management, Volume	
		IEEE Transactions	on Consumer E	lectronics, Volume CE-25	5, Number 3, Ju	uly 1979 (A21725141)		
		"Index to Theses,"	Edited by Geoffr	rey M. Paterson, et al., Vo	olume XXVI, Pa	art 1, 1977 (A21718028)		
54	<u>/</u>	"Industry Leaders	License Katz Inte	eractive Technology Pate	nts," PR News	wire, September 25, 199	5 (A01331383)	
EXAMI	NER	Stella	Wbo		DATE CONS	2-24-0	1	
				not citation is in conform dered. Include copy of th			applicant.	

Information Disclosure Statement – Section 9 PTO-1449

FORM P	TO-1449		Docket No. (optional)		Application	ı No.			
. –			228/046	CONTRACTOR OF THE PARTY OF THE	08/306,456				
INICODA	IATION DICC		(prev. 6646-114N5)	(d'17)	Group Art	Unit PF			
CITATIO	IATION DISC NI IN AN	LOSURE	Applicant &	Cight .	2643	(0) (5)			
APPLIC/			Ronald A. Katz	ECEIV	FD	FEB 1 9 2002			
OLIDDI E	- <b></b>		Filing Date R	POE!	2002	\			
SUPPLE	MENTAL VII		09/14/1994	FEB 27	2002	TRACE LINE			
			U.S. PATENT DOCUME	chhology Ce	Her 5000				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
					<u> </u>				
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
			· · · · · · · · · · · · · · · · · · ·						
			(Including Author, Title,	•	•	c.)			
5~									
"Inside an Internetworking Voice-Mail Processor," Data Communications, October 1986, p. 158 (A21706523)									
	"Integratec's Niche is Collecting on Delinquent Bank Card Accounts," American Banker, August 10, 1988, p. 22 (A21724771)								
	"Card Titan Sees Gold in Electronic Commerce," Financial Service Online, July 1996, p. 8 (A21724775)								
	"International Cor June 1984, p. 120		twork Service Installed by Comr	nercial Cable," Tr	ne Magazine of B	ank Management,			
	"International Info	rmation Network	Acquisition," PR Newswire, Nov	ember 7, 1985 (/	\21708093)	·			
	"International Info	rmation Network	Agreement," PR Newswire, Dec	cember 16, 1985	(A21708117)				
	"International Info	rmation Network	Announces Agreements," PR N	lewswire, Februar	ry 12, 1986 (A21	708309)			
	"International Info	rmation Network	Contract, Article Source Unkno	wn, February 25,	1986 (A2170831	2)			
	"International Info	rmation Network	Earnings," PR Newswire, Dece	mber 9, 1985 (A2	1708110)	•			
	"International Info	rmation Sets Fin	ancing Program," PR Newswire	, October 22, 198	5 (A21708064)				
	Press Release, C	communications	Daily, Volume 6, Number 41, Ma	rch 3, 1986, p. 11	l (A21708337) re	peated (A21706387)			
	"Megaphone Intl	Wins Calif. Lotte	y Contract," PR Newswire, Augu	ust 4, 1986 (A217	06387)	1			
	"Introducing Voic	e Quote," The W	ashington Post, October 9, 1986	(A21707805)					
	Press Release, C	communications	Daily, Volume 6, Number 189, S	eptember 30, 198	6, p. 7 (A217065	10)			
	Press Release, C	Communications	Daily, Volume 6, Number 189, S	eptember 30, 198	6 (A21706511)				
SW	Jenkins, Avery, *( (A21707767)	owa State Laund	ching Campus Wide Network," P	C Week, Volume	4, February 3, 19	987, p. C14			
EXAMINER	Stella	(Noo		DATE CONSIL	DERED -24-01				
L			or not citation is in conformance	1	, ,				

		_						
FORM P	TO-1449		Docket No. (optional)		plication	plication No.		
			228/046		08/306,456			
INCORM	ATION		(prev. 6646-114N5) Group			up Art Unit		
INFORM		TION	Applicant 264 98					
DISCLOSURE CITATION IN AN APPLICATION		Ronald A. KatzC	Ronald A. Katz ECEIVED 2041 PER SILIP TO THE PROPERTY OF THE P					
			Filing Date RECL	~ 200S	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	9 2002		
SUPPLE	MENTAL V	[] 	09/14/1994 FEB 2	7 2002	600	PE 19 MM PE 18 MM PE		
			U.S. PATENTION	UMENTS	· \	O TRACE		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
						·		
			FOREIGN PATENT D	OCUMENT	rs ·			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
			ENTS (Including Author,			•		
5~	Jerman, Max,	et al., "A CA	I Program for the Home," Education	onal Technolo	gy, December 19	971, p. 49 (A21725984)		
	Johnson, Eric, "Analysts Say that Voice-Message Will Talk up \$1 Billion," Data Communications, January 1984, p. 50 (A21708551)							
	Johnson, J. W. 3, Pages 1-8 (/			SS™ System,"	ISS '84 Florence	e, May 1984, Session 14 A, Paper		
	Johnston, Davi 1986, Page 1 (			Some Consum	er Groups," Los	Angeles Times, Part 6, August 24,		
	Excerpt from J	ournal of Inf	formation Processing Society of Ja	apan (in Japan	ese), Volume 23	3, 1981 (A21724246)		
	Excerpt from J Number 10, 19	ournal of the 77 (A21725	e Institute of Electronics and Come 080)	munication En	gineers of Japan	(in Japanese), Volume 60,		
	Kaplan, Jeffrey	M., "4" Ge	neration: Lacking," Network World	I, October 6, 1	986, p. 38 (A217	06646)		
	Kaplan, Jeff, "1	The Uncerta	in Future of Centrex," Network Wo	orld, March 14	, 1984, p. 17 (A2	1708640)		
	Karpinski, Rich	ard, "IBM O	Offers Voice Processing Line," Tele	ephony, Augus	t 5, 1991 (A0134	16377)		
	"Katz Scratch I	ever," Tele	media News and Views, Date Uni	known (A0133	1216)			
	Katzel, Jeanine	e, "Selecting	and Installing a Plant PBX Syste	m," Plant Engi	neering, Volume	37, March 3, 1983 (A21713341)		
	Kawakami, To Response Sys	kuhiro, et al. tem," NEC	., "Speaker Independent Speech F Technical Journal, Volume 39, Nu	Recognition an mber 7, 1986,	d Audio Respon pp. 54-79 (A217	se System and Facsimile 08159)		
Sw	Kelleher, Joan	ne, "Users;	Mastering DEC," Computerworld	Extra!, Septem	ber 24, 1986, p.	61 (A21706475)		
EXAMINER	<u>Cl 11</u>	1		DATE CON		- /		
	Stella	W6<			2-24			
IL FXAMINER	Initial if citation co	onsidered, w	whether or not citation is in conform	nance with MF	PEP 609. Draw lii	ne		

through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

		-		·					
FORM PT	O-1449		Docket No. (optional)		plication I	plication No.			
			228/046		08/306,456				
	TION		(prev. 6646-114N5)	COpL	Group Art Ui	nit			
INFORMA	TION URE CITATI	IONI	Applicant	RIGINAL PAR	2643	PE			
	PLICATION		Ronald A. Katz	COPY OF PAP PRIGINALLY FIL	ERS ER				
						EEB 18 SOUL 18			
SUPPLEMENTAL VII O9/14/1994 RECEIVED									
			U.S. PATENT DO	2.7.2002		TRACE TRACE			
	т	Υ		T-2	· -	T			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAN <b>Technolog</b>	y Center 26	09ubclass	FILING DATE IF APPROPRIATE			
		<u> </u>							
	<u> </u>	<u> </u>	FORTION BATCHT	1001111111	<u> </u>	<u></u>			
	T	T	FOREIGN PATENT I	JOCUMENI	S				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION . YES NO			
	1								
	OTUEDI		ENTO // - I - I - A - A - A - A	Tide Dete	Dartin and Dan				
			ENTS (Including Author, red Tenant-Services Debacle and						
Sw	(A21706444)	THE OHAI	red renam-services besacie and	2 20330113 110111	R Data Common.	oations, deptember 1000, p. 54			
	Koike, H., et al., "An Office-Use Voice Storage System with Elaborate User's Operativity," Proceedings of the Tenth International Symposium on Human Factors in Telecommunications, June 1983, pp. 197-203 (A21725793)								
	Koike, Tsunehiko, et al., "Parcor-Type Audio Response Unit (in Japanese)," Article Source Unknown (A21724841)								
			•						
	(A21707861)		art International Voicemail Service						
	Kolodziej, Stan	, "Where is	s the Electronic Messaging Explo	sion?," Comput	ter World, October	16, 1985, p. 21 (A21708056)			
	Korzeniowski, F (A21706390)	Paul, "Voic	e Messaging; ETS Demise Hits F	Rolm, Octel Use	ers," Network World	d, August 4, 1986, p. 1			
	Kylin, J. C. et a 1979 (A217260		s of Integrating Data Bases into t	he SPC Netwo	rk," ICC '79 Confer	rence Record, Volume 1, June			
	Lawson, Micha 1987 (A217122		Leaves 'Super-PBX' money on the	ne table for Nort	thern Telecom," Da	ata Communications, September			
	Lazarus, Georg	je, "Pepsi	Also Won the Super Bowl," Chica	ngo Tribune, Ja	nuary 30, 1987 (A2	21707647)			
	Lee, Linda, et a	ıl., "Meridi	an SL Information Services," Tele	sis, 1985, pp. 1	13-19				
	Leibowitz, Ed, 184 (A21712064		der Years: Intriguing ACD Trends	for the 1990s,"	Teleconnect, Volu	ime 8, Number 4, April 1990, p.			
	Levin, David, "F p. 100 (A21714	Private Bra 1315)	anch Exchanges: The Best Time	to Shop Might E	Be Right Now," Dat	a Communications, August 1987,			
	Lineback, J. Ro	bert, "VM	X Girds for a Fight in Market it Pi	oneered," Elect	ronics, May 12, 19	86 pp. 55-56 (A21708453)			
5m			SS: The Smart Local Telephone ogy Exchange, October 1984, pp			rnational Congress on			
EXAMINER				DATE CONS					
	Stella	Wba	>	1	2-24-0	·			
			hether or not citation is in conform not considered. Include copy of the			to the applicant.			

FORM PT	O-1449		Docket No. (optiona	ıl)	plication No.				
. –			228/046		09/021,956	\ Me by			
INFORMA	TION	'	(prev. 6646-114N5)		Group Art	Unit OR PROPERTY			
	URE CITATI	ON IN	Applicant		2643 PE 7				
AN APPLI			Ronald A. REC	FIVE		O me il ilio			
01100151	45" A 17" A 1 - \ // I		Filing Date			19.00			
SUPPLEN	MENTAL VII			<b>2 7</b> 2002		( FEB			
			U.S. PA <b>TECHNOLO</b>	gy Gentes 2	2600	ATENT & TRA			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
			, , , , , , , , , , , , , , , , , , , ,						
	FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
5~		,				r 7, July 1986 (A21706313)			
	Lyman, Guy C., Ill, "Voice Messaging Comes of Age," Speech Technology, August-September 1984, pp. 45-49 (A21724634)								
	Mankin, Eric, "Playing TV Telephone: New System Opens Door for Audience Participation," Electronic Media, April 24, 1989 (A01331389)								
	Marino, P. J., et a	al., "AT&T Con	nmunications ISDN Plans," I	EEE, 1985, pp	. 247-251 (A217	723894) repeated (A21725560)			
	"Marubeni to Inst	all Voice-Box-l	Mail System," Japan Econor	nic Journal, M	arch 13, 1984, p	9 (A21708639)			
			rded Announcements for Guosium on Human Factors in			unications Networks," Proceedings nber 1977, pp. 257-262			
	Massey, David K Section 1, July 20			rket Strategy,	Boston Busines	ss Journal, Volume 7, Number 21,			
	"The Master of T	rivia," The Spo	rting News, August 19, 198	5 (A21706671)					
	Matheson, David	, "ISDN: The T	echnology has Discovered	ts Purpose," T	elemarketing, M	lay 1990 (A40002414)			
	Maxemchuk, N. F Number 8, Octob			Editing Facility	," The Bell Syste	em Technical Journal, volume 59,			
	Mearns, Allison E (A21709811) rep			Bell Labora	tories Record, N	May-June 1982, pp. 117-119			
	Michaelson, Mar	lene, "Busines:	s, Services Use 'Dial A' For	mats," Contra (	Costa Times, Se	ptember 8, 1986 (A21707858)			
	Mier, Edwin E., "	A Big Bonanza	in Little Switches," Data Co	mmunications	, June 1984, p.	68 (A21708764)			
Sw			stages its FTS Rivals at Sho mber 4, February 27, 1987,			unications Contract," Government			
EXAMINER	Stella L	No		DATE CONS	SIDERED 2-24-	-0			
			r or not citation is in conform nsidered. Include copy of the						

FORM P	TO-1449		Docket No. (optional)		plication	plication No.	
		_	228/046		08/306,456	08/306,456 <b>C</b>	
INICODM	ATION		(prev. 6646-114N5)		Group Art	Unit Que	
INFORM	ATION SURE CITA	TION	Applicant		2643	Unit PE VALLED	
	PLICATION		Ronald A. Katz			Le Land Halling	
			Filing Date RF	CEIVE		O Day 1	
SUPPLE	MENTAL VI	1	09/14/1994	B 2 7 7	  n·)	(A)	
			U.S. PATENT DOC	UMENTS .	OF CODY	PATENT & TRACE!	
EXAMINER	DOCUMENT		Hechin	plog, or		FILING DATE IF	
INITIAL	NUMBER	DATE	NAME ***	CLASS	SUBCLASS	APPROPRIATE	
			FOREIGN PATENT D	OCUMENT	S		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	OTHER	DOCUME	INTS (Including Author, 1	itle. Date.	Pertinent Pa	daes. Etc.)	
	Miles, J. B., "By	pass Starts	to Soar; More Businesses are Avo	oiding the Pub	lic Phone Netwo	rk as New Technologies Surface	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	and Telecomm	Costs Rise,"	Computer Decisions, Volume 17	November 5,	1985, p. 82 (A2	1708087)	
			ol Under Control; Corporations Se mputer Decisions, Volume 18, Jul			ement Systems May Find Hope in	
	Excerpt from Me	odern Office	Technology, July 1986 (A217063	15)			
	Moore, Steve, "	Project Man	agement; Anatomy of a Cutover, I	Part 1" Networ	k World, August	25, 1986, p. 26 (A21706408)	
	Moore, Steve, "	Project Man	agement; Anatomy of a Cutover, I	Part 2" Networ	k World, Septem	nber 1, 1986, p. 35 (A21706447)	
	Press Release,	Data Comm	nunications, August 1984, p. 58 (A	21708825)			
	"MTV-Networks (A01331393)	Signs with A	American Express Affiliate FDR In	teractive Tech	inologies," Busin	ess Wire, March 28, 1989	
	"NAB in the 'Big	D.,'" Broade	casting, Volume 112, March 30, 1	987, p. 83 (A2	1707892)		
	"National Railwa Number 339, 19		eservation System by Touch Tone 1984)	Telephone," E	Electrical Commu	unication Facilities, Volume 38,	
			ssigned Several Interactive Techn Vire, October 17, 1994 (A0133138		Following the Se	ettlement of Multimillion Dollar	
	"New AT&T De	vice Made in	Columbus," Columbus Citizen Jo	urnal, Septem	ber 7, 1985 (A0	1354693)	
	"New Products	Telecommu	nications," Sound & Communication	ons, Volume 2	8, Number 12, A	pril 1983, pp. 84-85 (A21713354)	
EXAMINER	l		THE STATE OF THE S	DATE CON	SIDERED		
	Stella	- $W$	<b>6</b> 0		2 24	1-01	
			hether or not citation is in conform not considered. Include copy of the				

FORM PTO-1449  Docket No. (optional)  228/046  (prev. 6646-114N5)  Applicant  Ronald A Katz  Filing Date  09/14/1994  FEB 2 7  2002  U.S. PATENT DOCUMENTS  NUMBER  DOCUMENT  NUMBER  DOCUMENTS  (Including Author, Title, Date, Pertinent Pages, Etc.)  They systeme Stem Losses from Credit Card Debt. Technology Streamlines Phone Contacts, "American Banker, August 10, 1988 (A2172477)  New Voice Processing Products Mean improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "AT&T information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "at J., "Send Us Your Pre-1989 Brothmore," Computer Telephony, October 1996, pp. 18-26 (A01331210)  Nishkado, lwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706558)  Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package, "Business Wire, February 18, 1987 (A21707802)  No Section 3, August 4, 1986, p. 10 (A21706339)  The Office Automation Advances White Collar Productivity," Duns Business Month, Volume 128, March 1986, p. 59 (A21708338)  The Office Automation Advances White Collar Productivity," Duns Business Month, Volume 128, March 1986, p. 59 (A21708338)  The Office Automation Advances White Collar Productivity," Duns Business Month, Volume 128, March 1986, p. 59 (A21708338)  The Office Automation Advances White Collar Productivity, "Duns Business Month, Volume 128, March 1986, p. 59 (A217081338)  The Office Automation Advances White Col	( <u> </u>			D1 N- (4:	1	A Linestin	- No	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION SUPPLEMENTAL VII  SUPPLEMENTAL VII  DATE  NAME  CLASS  SUBCLASS  FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  CLASS  SUBCLASS  FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  OTHER DOCUMENT DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  "New Systems Sitem Losses from Credit Card Debt, Technology Streamlines Phone Contacts, American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708537)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Bat, "Send Us Your Pre-1988 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A2170658)  Nonogrook, Jim, "City, Courly Spend About 1 Million on 911," St. Louis Business Morth, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  Vol. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 83 (A21708708)  Nonogrook, Jim, "City, Courly Spend About 1 Million on 911," St. Louis Business Morth, Volume 126, March 1986, p. 59 (A21708398)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  EXAMINER  DATE CONSIDERED	FORMPI	O-1449		Docket No. (optiona 	1)	C		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION SUPPLEMENTAL VII  SUPPLEMENTAL VII  DOCUMENT NUMBER  DATE  NAME  CLASS  SUBCLASS  FILIND DATE   APPROPRIATE  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  FILIND DATE   APPROPRIATE  FOREIGN PATENT DOCUMENTS  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  "New Systems Siem Losses from Credit Card Debt. Technology Streamlines Phone Contacts," Amenican Banker, August 10, 1986 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1986, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 101-0118 (A21725824)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706588)  Nowogrocki, Jim, "City, County Spend About 5 1 Million on 911," St. Louis Business Morth, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  EXAMINER  DATE CONSIDERED	·			228/046		08/306,456	ON ON THE	
DISCLOSURE CITATION IN AN APPLICATION  SUPPLEMENTAL VII  SUPPLEMENTAL VII  BEACH ON A PAPELICATION  SUPPLEMENTAL VII  SUPPLEMENTAL VII  BEACH ON A PAPELICATION  SUPPLEMENTAL VII  BEACH ON A PAPELICATION  SUPPLEMENTAL VII  BEACH ON A PAPELICATION  LEXAMINER OCCUMENT DOCUMENTS  DOCUMENT DATE NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  DOCUMENT DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  They Systems Siem Losses from Credit Card Debt. Technology Streamlines Phone Contacts, "American Banker, August 10, 1988 (A21724777)  They Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "ATAT Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706558)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A2170802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911." St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A217080393)  "Office Automation Advances White Collar Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A217080393)  The Official Proceedings of Speech Tech "85, Media Dimensions, Inc., April 1985, Cover and General Information Pages EXAMINER  DATE CONSIDERED	INFORMA	ATION		(prev. 6646-114N5)		Group Art Unit		
AN APPLICATION SUPPLEMENTAL VII  RECEIVED 9/14/1994 FEB 2 7 2002  U.S. PATENT DOCUMENTS Center 2600  EXAMINER INITIAL  DOCUMENT DATE NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  CLASS SUBCLASS FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  New Systems Stem Losses from Credit Card Debt. Technology Streamlines Phone Contacts, "American Banker, August 10, 1988 (A21724777)  New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21709557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Bumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Bumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "County Spend Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, wamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A2170702)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A217050393)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages EXAMINER  EXAMINER  DATE CONSIDERED	ll .		ION IN	Applicant		2643	DEVOLUTION	
SUPPLEMENTAL VII  Filing Date 09/14/1994 FEB 2 7 2002  U.S. PATENT DOCUMENT CENTER 2600  EXAMINER INITIAL  DOCUMENT NUMBER  DATE  NAME  CLASS  SUBCLASS  FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  CLASS  SUBCLASS  TRANSLATION YES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  "New Systems Stem Losses from Credit Card Debt, Technology Streamlines Phone Contacts," American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21708658)  "Not Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Novogrocki, Jim, "City, County Spend About 1 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21708039)  "Office Automation Advances White Collar Productivity," Dun's Business Month, Volume 128, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech "65, Media Dimensions, Inc., April 1985, Cover and General Information Peges Examiner  EXAMINER  DATE CONSIDERED	13		1014 114	Ronald A. Katz	53	,-n	1, " " L. "	
EXAMINER INITIAL  DOCUMENT DATE  NAME  CLASS  SUBCLASS  FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  DOCUMENT DATE  COUNTRY  CLASS  SUBCLASS  TRANSLATION YES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  "New Systems Stem Losses from Credit Card Debt; Technology Streamlines Phone Contacts," American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T information Systems One Year Later," Office Administration and Automation, Volume 45, January 1994, p. 37 (A21706575)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, pp. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  "Office Automation Advances White Collar Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER				Filing Date R	<b>ECEI</b>	V L U	18 Jun 18	
EXAMINER INITIAL  DOCUMENT NUMBER  DATE  NAIME  CLASS  SUBCLASS  FILING DATE IF APPROPRIATE  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  CLASS  SUBCLASS  TRANSLATION YES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  "New Systems Stem Losses from Credit Card Debt; Technology Streamlines Phone Contacts," American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911." St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  The Official Proceedings of Speech Tech "85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER	SUPPLEMENTAL VII						(th)	
EXAMINER INITIAL  DOCUMENT NUMBER  DATE  NAME  CLASS  SUBCLASS  FILING DATE I APPROPRIATE  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  CLASS  SUBCLASS  TRANSLATION YES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  "New Systems Stem Losses from Credit Card Debt; Technology Streamlines Phone Contacts," American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911." St. Louis Business Journal, Volume 6, Number 43, Section 3, August 41, 1986, p. 10 (A21706393)  The Official Proceedings of Speech Tech "85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER				U.S. PATENT DO	HWIOHO C	enter 2600	TEMT & TRA	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  New Systems Stem Losses from Credit Card Debt. Technology Streamlines Phone Contacts, "American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911." St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  "Office Automation Advances' White Collar' Productivity," Dun's Business Month, Volume 128, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech "85, Media Dimensions, Inc., April 1985, Cover and General Information Pages Excerpt in Japanese, Article Reference Unknown (A21724849)			DATE			1	FILING DATE IF	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  New Systems Stem Losses from Credit Card Debt. Technology Streamlines Phone Contacts, "American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911." St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  "Office Automation Advances' White Collar' Productivity," Dun's Business Month, Volume 128, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech "85, Media Dimensions, Inc., April 1985, Cover and General Information Pages Excerpt in Japanese, Article Reference Unknown (A21724849)				•			·	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  New Systems Stem Losses from Credit Card Debt; Technology Streamlines Phone Contacts, "American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 10 (A21706393)  "Office Automation Advances "White Collar Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)				FOREIGN PATENT D	OCUMENT	S		
"New Systems Stem Losses from Credit Card Debt; Technology Streamlines Phone Contacts," American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1937 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances White Collar' Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)			DATE	COUNTRY	CLASS	SUBCLASS		
"New Systems Stem Losses from Credit Card Debt; Technology Streamlines Phone Contacts," American Banker, August 10, 1988 (A21724777)  "New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1937 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances White Collar' Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)								
"New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)  Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances "White Collar" Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages Excerpt in Japanese, Article Reference Unknown (A21724849)		OTHER D	OCUMENT	S (Including Author,	Title, Date,	Pertinent Pa	iges, Etc.)	
Newton, Harry, "AT&T Information Systems One Year Later," Office Administration and Automation, Volume 45, January 1984, p. 37 (A21708557)  Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances White Collar Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech "85, Media Dimensions, Inc., April 1985, Cover and General Information Pages Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER	8~			rom Credit Card Debt; Tech	nology Streaml	ines Phone Con	tacts," American Banker, August	
Newton, Harry, "Dumb Smart Switches," Teleconnect, May 1991, pp. 14-18  Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911." St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances "White Collar" Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER		"New Voice Processing Products Mean Improved Customer Service," Article Source Unknown, (A01346357)						
Newton, Harry, et al., "Send Us Your Pre-1989 Brochures," Computer Telephony, October 1996, pp. 16-26 (A01331210)  Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances 'White Collar' Productivity." Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER				ation Systems One Year Late	er," Office Admi	nistration and A	utomation, Volume 45, January	
Nishikado, Iwamasa, et al., "Voice Storage System for Centralized Extension System," Review of the Electrical Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances 'White Collar' Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER		Newton, Harry,	'Dumb Smart	Switches," Teleconnect, May	/ 1991, pp. 14-	18		
Communication Laboratories, Volume 32, Number 6, 1984, pp. 1010-1018 (A21725924)  Press Release, The American Banker, October 20, 1986, p. 13 (A21706658)  "Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances White Collar Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER		Newton, Harry,	et al., "Send U	s Your Pre-1989 Brochures,	" Computer Tel	ephony, Octobe	r 1996, pp. 16-26 (A01331210)	
"Northern-Telecom-2; (NT) Northern Telecom Announces Software Feature Package," Business Wire, February 18, 1987 (A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances "White Collar" Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER							eview of the Electrical	
(A21707802)  "No. Telecom Upgrades Digital PBX," Electronic News, Volume 30, April 30, 1984, p. 63 (A21708708)  Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances 'White Collar' Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER  DATE CONSIDERED		Press Release,	The American	Banker, October 20, 1986, p	o. 13 (A217066	58)		
Nowogrocki, Jim, "City, County Spend About \$ 1 Million on 911," St. Louis Business Journal, Volume 6, Number 43, Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances 'White Collar' Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER  DATE CONSIDERED			om-2; (NT) No	rthern Telecom Announces	Software Featu	re Package," Bu	isiness Wire, February 18, 1987	
Section 3, August 4, 1986, p. 1C (A21706393)  "Office Automation Advances 'White Collar' Productivity," Dun's Business Month, Volume 126, March 1986, p. 59 (A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER  DATE CONSIDERED		"No. Telecom U	pgrades Digita	I PBX," Electronic News, Vo	lume 30, April :	30, 1984, p. 63 (	A21708708)	
(A21708336)  The Official Proceedings of Speech Tech '85, Media Dimensions, Inc., April 1985, Cover and General Information Pages  Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER  DATE CONSIDERED					911," St. Louis	Business Journ	nal, Volume 6, Number 43,	
Excerpt in Japanese, Article Reference Unknown (A21724849)  EXAMINER  DATE CONSIDERED								
EXAMINER DATE CONSIDERED		The Official Prod	ceedings of S	peech Tech '85, Media Dime	ensions, Inc., A	oril 1985, Cover	and General Information Pages	
	Sw	Excerpt in Japai	nese, Article R	leference Unknown (A21724	849)			
2/10/01	EXAMINER	Chilla	Mac	)			01	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	EXAMINER: In	itial if citation cons	idered, wheth	er or not citation is in confor	nance with MP	EP 609. Draw lir	ne	

Information Disclosure Statement - Section 9 PTO-1449 LA-175540.1

#### plication No. Docket No. (optional) FORM PTO-1449 08/306,456 228/046 **Group Art Unit** (prev. 6646-114N5) INFORMATION 2643 Applicant DISCLOSURE CITATION IN AN APPLICATION Ronald A. Ka FEB 2 7 2002 Filing Date SUPPLEMENTAL VII 09/14/1994 Technology Center 2600 U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT SUBCLASS DATE NAME CLASS FILING DATE IF APPROPRIATE INITIAL NUMBER **FOREIGN PATENT DOCUMENTS** DOCUMENT TRANSLATION DATE CLASS **SUBCLASS** COUNTRY NUMBER YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Press Release, PR Newswire, May 9, 1986 (A21708451) Paznik, Megan Jill, "Voice Mail: Pitfalls and Promises," Administrative Management, Volume 48, March 1987, p. 16 (A21707849) "The PBX Marketplace; Private Branch Exchanges," Administrative Management, Volume 47, January 1986, p. 45 (A21708194) "Peek at Future of 'General Hospital" Times-Picayune, Date Unknown (A21708536) Pelline, Jeff, "AT&T System Links Voice to Computer," San Francisco Chronicle, September 10, 1985 (A01354691) "Perception Technology; (PCEP) Perception Technology Announces ANI, DID Enhancements," Business Wire, February 27, 1987 (A21707811) Petit J. C., et al., "GALAXIE: Toward Adaptive Distributed Control Systems," ISS '84 Florence, May 1984, Session 41 A, Paper Petrosky, Mary, "Interactive Speech System From AT&T's Business Unit," Infoworld, Volume 7, Issue 38, September 23, 1936 (A21708029) Pfister, George M., "The PBX: What Matters, What Doesn't," Datamation, Volume 30, August 1, 1984, p. 121 (A21708831) Plakias, Mark, "The Katz that Ate the Canary," Telemedia News and Views, Volume 2, Number 11, November 1994 (A01331037) Pollack, Andrew, "Audiotex: Data By Telephone," The New York Times, January 5, 1984 (A21725850) Portantiere, Nick, "AT&T Introduces System 25 Digital PBX," Electronic News, July 7, 1986, p. 34 (A21706324) Power of Attorney for USPA 5,109,404, Inventor Ronald A. Katz Prell, E. M., et al., "The Changing Role of the Operator," International Switching Symposium, May 1979, pp. 697-703 (A21725933) Prince, Terry, et al., "A Telephone for the 'Checkless' Society," Bell Laboratories Record, September 1972, pp. 249-253 (A21725647) **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM P	ГО-1449		Docket No. (optional)		plication	No.
			228/046		08/306,456	
INFORM	ATION	.	(prev. 6646-114N5)		Group Art U	
INFORM	SURE CITAT	ION	Applicant Ronald A. Katz Filing Date 09/14/1994  Technology Cents: 2000  Technology Cents: 2000  Technology Cents: 2000			
,,	PLICATION					S (C JOHN )
			Filing Date	EB 2 7	lius 🖊 🕹	E3 100 13
SUPPLE	MENTAL VII	1	09/14/1994 <b>Tech</b> i	nology Cen	ter 2000 🔪	POR THAT IN THAT IS
			U.S. PATENT DO	CUMENTS	. 7	10
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			FOREIGN PATENT	DOCUMENT	S	<u> </u>
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	OTHER D	OCUM	ENTS (Including Author,	Title, Date,	Pertinent Pa	ages, Etc.)
5,	"Profit from Impo (A21706337)	ılse Pay-P	er-View," Advertisement for Sci	ence Dynamics	Corporation, Te	lephony, July 14, 1986
	"Prudential Insu	rance Mor	tgage by Phone Program," PR N	lewswire, Febr	uary 19, 1986 (A	21708310) repeated (A21708311)
	Pulford, Jack, "A (A21708841)	urora Sys	tem is Built to Grow," Telephone	Engineer & M	anagement, Volu	ume 88, August 1, 1984, p. 78
	Putnam, Jane, "	Winners,"	Contra Costa Sun, August 14, 1	985 (A2170670	)5)	
	*Putting an End	to Telepho	one Tag," ABA Banking Journal,	February 1987	, (A21707747)	
	Raack, G. A., et	al., "Custo	omer Control of Network Feature	es," ISS '84 Flo	rence, May 1984	4, Session 14 A, Paper 2
	(A21725520) rej	•	·			•
	Raimondi, Donn	a, "AT&T I	Debuts Primary Rate for System	85," Computer	world, February	23, 1987, p. 41 (A21707806)
	Rappaport, Dav	id M., "Voi	ce Mail: Key Tool or Costly Toy,	" Data Commu	nications, Octobe	er 1986, p. 153 (A21706526)
	*Redwood by Ro	olm," Telec	communications Product Review	, Volume 13, N	lumber 6, June 1	986 (A21708487) .
	Rees, Norm, "FI 1988, pp. 46-49		ce Response Software Speeds	Development fo	r Resellers,* Spe	eech Technology, March-April
	Results of Lexis	Search R	equest "Call Interactive," Date o	f Search Augus	t 5, 1996 (A0133	31399)
	Rice, Valerie, "A" (A01354684)	T&T Enter	s Speech-Processing Business,	Names First C	ustomers," Inves	itor's Daily, September 10, 1985
5w	Riederer, S. A.,	"Conversa	int VIS Means Business," AT&T	Technology, V	olume 5, Numbe	r 4 (A21711986)
EXAMINER						
	Stella	SOL		2-	2401	
1 -144 - 115 -	1 2011 19 - 19 - 11 - 11 - 11	-1-1	L - 1 L 1 - 1 - 1 1 - 1		CO COO D E	

CODA D	TO 1440		Docket No. (optional)		blication N	lo.		
FORM P	10-1449			``````````````````````````````````````	200	10.		
		1	228/046	1	08/306,456			
INFORM	ATION		(prev. 6646-114N5)		Group Art Ur	nit E		
DISCLO			Applicant DECE	=11/5	2643	IS E VC		
CITATIO	N IN AN		Ronald A. Katz RECE					
APPLICA	ATION	1		<b>2 7</b> 2002	COO CHICAL			
SUPPLE	MENTAL VI	1	09/14/1994 <b>Technolog</b> y	y Center 26	600	OF THE THREE		
			U.S. PATENT DO	CUMENTS	· · ·	18,		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			FOREIGN PATENT D	OCUMENT	'S			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
			ENTS (Including Author,			<del></del>		
8			&T Voice Mail Service," AT&T Tec					
	"Ring System; Provides District of Columbia with Automatic Number and Location Identification to Aid in Emergency Services Response," Business Wire, August 7, 1986 (A21706396)							
	Press Release,	PR News	vire, March 3, 1986 (A21708338)					
	Rippeteau, Jane	e, "'Smart'	Way to Get Message Across," Fin	ancial Times,	June 12, 1986 (A	21708502)		
	Rogers, Thoma	s, et al., "S	couting – A Worthwhile Trivial Pu	rsuit," The Nev	w York Times, Au	gust 9, 1985 (A21707968)		
	"Rolm-Corp; Ap	points Har	vey and Zalisk as Vice President,	Business Wir	e, May 21, 1986	(A21708472)		
	"Rolm-Corp; Int	roduces R	edwood for Branch Offices and Sr	nall Businesse	s," Business Wire	e, June 2, 1986 (A21708491)		
	"Rolm; Links Ph	oneMail to	IBM VM Host," Business Wire, M	lay 5, 1986 (A	21708447)			
	"Rolm Releases	Four-Cha	nnel Phonemail Voice Message L	Init," Compute	rworld, January 2	8, 1985		
	"Rolm; Rolm An	nounces f	PhoneMail Network," Business Wi	re, February 9,	, 1987 (A2170777	· ·		
	"Rolm; Rolm Av	varded Ma	jor contract by Columbia Universit	y," Business V	Vire, March 2, 198	87 (A21707855)		
	"Rolm; Rolm CE (A21707765)	3X II 9000/	AE Offers Abundant System Powe	er for Application	ons Growth," Bus	iness Wire, February 3, 1987		
	"Rolm; 15-Node	Rolm Sys	item to be Installed at University o	f Rochester," [	Business Wire, N	ovember 11, 1985 (A21708096)		
	Roman, David I March 1984, p.		g Up Your Personal Computer; Pa 08630)	art II: Data-Inp	ut Devices," Com	puter Decisions, Volume 19,		
	Rosenbaum, Ar	t, "This 'M	aniac' Spreads His Loot Around,"	San Francisco	Chronicle, July 2	24, 1986 (A21706875)		
FW	Rosinski, R. R., pp. 4-5 (A2172)		AT&T Speech Processing Techno	logy," AT&T Te	echnology, Volum	ne 5, Number 4, Date Unknown,		
EXAMINER	41 /:			DATE CONSI		,		
	Stella	V	Mo		2-20	l		
EXAMINER: through citat	Initial if citation co	nsidered, mance and	whether or not citation is in confor I not considered. Include copy of	mance with Mi this form with i	PEP 609. Draw lii next communicati	ne ion to the applicant.		

FORM P	TO-1449		Docket No. (optional	)	Application No.		
			228/046		08/306,456	08/306,456	
INFORM	ATION		(prev. 6646-114N5)		Group Art	Group Art Unit	
l .	SURE CITA	TION	Applicant		2643		
	PPLICATIO		Ronald A. Katz COPY OF PAPERS			19 Jan 13	
			Filing Date ORIGINALLY FILED			FEB 13	
SUPPLEMENTAL VII		<b>/11</b>	09/14/1994		-	TEAT & TRACE	
			U.S. PATENT I	DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		-					
	•	·	FOREIGN PATEN	IT DOCUMEN	FREC	FILE	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCUASS	TRANSTATION XES NO C 2000	
					echnology (	. 2002	
	OTHE	R DOCUM	ENTS (Including Auth	or, Title, Date		Lague (2000)	
€W	Ruhl, H. W., et	al., "Sprein	– A Voice I/O Mail Order Syst	em with Telephone	e Access," Articl	e Source Unknown	
<u> </u>	Salter, Stepha	nie, "When t	he 'Say Hey Kid' Met the 'Say	How' Bunch," San	Francisco Exar	miner, Date Unknown (A21706704)	
	Sanger, David	E., "A Drivin	g Force Leaves Rolm," The N	lew York Times, Ja	anuary 15, 1986	(A21708200)	
	Press Release	, PR Newsw	ire, September 17, 1985 (A21	708022)	<del></del>		
	Schindler, Pau	I E., Jr., *AT	&T Talking up Conversant 1 U	Init," Information W	leek, Septembe	r 16, 1985 (A21723912)	
	Schinke, David 1986 (A21718		ndependent Recognition Appl	ied to Telephone A	Access Informati	on Systems," Speech Tech '86,	
	Schulman, Her	nry, "AT&T C	Device: Talk to Computer By P	hone," The Oaklar	nd Tribune, Sept	ember 10, 1985 (A01354685) 、	
			"Phone-Based Interfaces: Repp. 1051-1055	esearch and Guide	lines," Proceedir	ngs of the Human Factors Society	
	Schwartz, Jeffi	ey, "IBM En	hances Voice Processing," Ar	ticle Source Unkno	own (A01346375	5)	
			L 500 – Time Division Exchar on 21 A, Paper 6, pp. 1-4	nge Including Voice	e and Data with	Voice Messaging,* ISS <sup>1</sup> 84	
	Scully, Sharon	, "Product N	ews; Saturn PBX Revamped,	Network World, N	lay 19, 1986, p.	4 (A21708470)	
	Seaman, John	, "Voice Mail	: Is Anybody Listening?," Con	nputer Decisions, \	/olume 16, May	1984, p. 174 (A21708731)	
	"Select List of	Telecommur	nications Providers," The Mag	azine of Bank Man	agement," Augu	ist 1986, p. 32 (A21706373)	
	Semilof, Margi (A21708354)	e, "High-End	Voice/Data PBXs: Voicing D	oubts about Data,"	Network World,	March 31, 1986, p. 65	
SW.			y; C&P Objects to House Dec 38, December 10, 1985, p. 4		lephone Contrac	t to AT&T-IS," Communications	
EXAMINER	Stelle	- W	, <del>,</del>	DATE CONS	SIDERED C	1-01	
EXAMINER:	Initial if citation c	onsidered, w	whether or not citation is in cornot considered. Include copy	nformance with MP of this form with n	EP 609. Draw li	ne ion to the applicant.	

							·
FORM PT	O-1449		Docket No. (optional	al)	Applicatio		
			228/046		08/306,456		COPY OF PAPERS
INFORMA	NOITA		(prev. 6646-114N5)		Group Art	Unit	ORIGINALLY FILED
1	SURE CITAT	ION IN	Applicant		2643		
AN APPL	ICATION		Ronald A. Katz				IPE
0001 51451474 141			Filing Date			,	(0, " (5)
SUPPLEMENTAL VII			09/14/1994				FEB 1 9 2001
			U.S. PATENT DO	CUMENTS	· .	1	San Sie
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING	DATE IF APPROPRIATE
					RECT	<u> </u>	
			FOREIGN PATENT I	DOCUMEN.	TS' - CE	IVE	D
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS.	SUBCRASS 7	TRAN	SLATION NO
					"'' <sup>lolog</sup> y Ce	Nter 26	200
	OTHER	DOCUMEN.	TS (Including Author,	Title, Date	, Pertinent P	ages,	E(C.)
Sur	Session Numbe 1985, p. 21 (A2		porary Developments in Add	ressability and	l Pay-Per-View,	Pay-Per-	View Conference, April 28,
	Sharma, Ranjar	na, "PBX Users	Benefit from Vitality of ACD	Market," Netw	vork World, Octo	ber 17, 1	988 (A21712686)
	Shaw, Peter, "T 1992, pp. 2-6	he Need for B1	's Managed Information Ser	vices," British	Telecommunical	ions Eng	ineering, Volume 11, April
	Shepherd, John Volume 11, Apri		ged Recorded Information Se 3	ervices – An O	verview," British	Telecom	munications Engineering,
	Shimizu, Hirosh	i, "Advanced C	redit Call Service," Japan Te	elecommunicat	tions Review, Oc	tober 19	86, pp. 247-250 ·
	Press Release,	PR Newswire,	December 5, 1985 (A21708	108)			•
	Siragusa, Gail, April 1986, p. 43		kes Off: Send and Receive N	lessages by P	hone," Administr	ative Ma	nagement, Volume 47,
	"Small Compan	y Initial Public	Offerings: December 1983,"	Goldhirsch Gro	oup, Inc., March	1984, p.	138 (A21708624)
	Smith, Tom, "Pr	oduction Use o	of ISDN Lives up to Expectat	ions," Network	World, February	26, 199	0 (A21712004)
	Snow, Stephen October 19, 198		s Show Strong Preference for	or Automated	Telephone Call F	Processin	g," Business Wire,
	"AT&T to Offer	New Service," I	Reuter Newswire, Novembe	· 21, 1988 (A2	1724788)		
	*Soap Opera U	odates Now Av	ailable in Area," Contra Cos	a Times/TV, M	1ay 28, 1984, p.	4 (A2170	8748)
	*Something for	Everyone at N/	AB's Equipment Exhibition,"	Broadcasting, '	Volume 112, Ma	rch 23, 1	987, p. 63 (A21707873)
Sw-	Song, D, et al.,	"System 12 Lir	e and Trunk Testing," ISS F	lorence, May 1	984, Session 32	A, Pape	r 5, Page 1
EXAMINER	Stella	al L	**************************************	DATE CON	SIDERED 2-24-	-0	
EXAMINER: I	nitial if citation con	sidered, wheth	er or not citation is in conformationsidered. Include copy of	mance with MF	PEP 609. Draw li next communicat	ne ion to the	e applicant.

FORM P	TO-1449		Docket No. (optional)		pplicatio	pplication No.	
			228/046		08/306,456	08/306,456	
INFORM	ATION		(prev. 6646-114N5)		Group Art	Unit PIGINOR D	
11	SURE CITA	TION IN	Applicant		2643	Unit OPAPERS	
6	LICATION		Ronald A. Katz			(E)	
			Filing Date			(1, 5 %)	
SUPPLE	MENTAL VI	1	09/14/1994			19 2002	
			U.S. PATENT DO	CUMENTS	· · ·	. Py	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIATE	
			FOREIGN PATENT I	DOCUMEN.	RECE	IVFD	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	su <b>EÇLB</b> s2	TRANSLATION	
				Ţe	chnology (	Denter 2600	
	OTHER	DOCUMEN	TS (Including Author,	Title, Date			
	"Special Informa	ation Tones Pro	vide Computer with Vital Call	Data," Bell La	boratories Reco	ord, November 1981 (A21710768)	
3	Staehler, R. E., pp. 45-48 (A217		e Automated Network – TSPS	S Enhancemen	its Lead the Way	y," Telephony, February 8, 1982,	
	"The Stamp of A	Approval for Voi	cemail," Article Source Unkno	own, (A217077	(60)		
	Stern, Aimee, "( (A21707748)	Cable Operators	s Fight Back; Pay-Per-View T	V," Dun's Busi	ness Month, Vo	lume 129, February 1987	
	Stewart, Alan, *3 90, December 1	Signaling Chan 5, 1986, p. 72 (	ges for Interconnects; NATA (A21707569)	86 Trade Shov	v," Telephone Er	ngineer and Management," Volume	
	Stix, Gary, "Man	y Bands = Ligh	t Work," Computer Decisions	, Volume 17, S	September 10, 1	985, p. 92 (A21708015)	
	Press Release,	Communication	ns Daily, Volume 5, Number 1	48, July 31, 19	985, p. 7 (A2170	08033) repeated (A21724666)	
	"International In	formation Netwo	ork Earnings,* PR Newswire,	September 30	, 1985 (A21708)	033) repeated (A217246ô6)	
	"International In	formation Sets	Financing Program," PR New	swire, October	r 22, 1985 (A217	708034) repeated (A2172,4667)	
			how on the Road: Engineerin 15, 1984, p. 129 (A21708746		ement Seminars,	,* Telephone Engineer &	
	"Strike Three," S	S. F. Progress, A	August 7, 1985 (A21706708)				
			IS Managers: Who Flips the four on LANs," PC Week, Volume on LANs," PC Week, Volume on LANs,"			Use of New Communications 1 (A21707798)	
Sw	Sullivan, Linda, September 25,		vices Signs Leading National 94)	Information Pr	rovider as a Mas	ster Dealer," Business Wire,	
EXAMINER	Stella	Uho	······	DATE CON		-4-01	
	Initial if citation co	nsidered, wheth	ner or not citation is in conformations of the considered. Include copy of the		EP 609. Draw li	ine	

		_							
FORM P	TO-1449		Docket No. (optior	nal)	plicatio	Unit COPY OF PAPERS			
			228/046		08/306,456	Unit PERS			
INFORM	ATION DISC	CLOSURE	(prev. 6646-114N5)	)	Group Art Unit				
CITATIO		DEOCONE	Applicant		2643	OLL BY TO			
APPLICA	APPLICATION		Ronald A. Katz			9 2002 14			
SUPPLEMENTAL VII		Filing Date			( FEB ' )				
SUPPLE	MENTAL VI	ł .	09/14/1994			ATENTA TRACE!			
			U.S. PATENT DO	OCUMENTS	3	·			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
					RE	CEIVED			
			FOREIGN PATENT	DOCUMEN	NTS F	FR 2 7 2002			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	1 8 44	FB 2 7 2002 TRANSLATION			
				-	jecnno	logy Center 2600			
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Susca, Paul, "Telemarketing: Reach Out and Sell Someone," Network World, May 4, 1987 (A21714122)								
8									
			ed if Ballplayers Strike," Sa			•			
	*System 85 Voic	e Messaging Due	in '85," Data Communicat	ions, Decembe	er 1984, p. 204 (/	A21709005)			
	Tagg, Ed, "Autor	mating Operator-A	Assisted Calls Using Voice	Recognition,"	Speech Technology	ogy, March-April 1988, pp. 22-25			
		Technique to Use ber 11, 1981 (A2		n-Line System	in Marketing Bus	iness," Packaging Technology,			
			umps Richards for K-C," A	dweek lanua	n/5 1987 /A217	77728)			
			formation, Volume 7, Num						
						1302)			
			/olume 4, Number 4, April						
			ts the Answers," Compute						
			•	lugusta, GA C	hronicle-Herald, .	July 28, 1984 (A21724626)			
	Telephony, Sept	ember 29, 1980 (	A21716447)						
Sur-	"Test Your Base	ball I. Q. and Win	Four Tickets to All-Star W	orkout Day," C	ontra Costa Time	es, Date Unknown (A21706787)			
EXAMINER	(1.11	11/-	V-10-10-10-10-10-10-10-10-10-10-10-10-10-	DATE CON		11 - 1			
EVAMINED:	O'IE UU	. Ubo	as ast citation in in a section	10000		401			
through citation	on if not in conform	nance and not con	or not citation is in conform isidered. Include copy of t	his form with n	ext communication	ne on to the applicant.			

Information Disclosure Statement – Section 9 PTO-1449 LA-175540.1

Docket No. (optional) Application No. **FORM PTO-1449** 08/306,456 228/046 **Group Art Unit** (prev. 6646-114N5) INFORMATION 2643 **Applicant DISCLOSURE CITATION IN** Ronald A. Katz AN APPLICATION Filing Date SUPPLEMENTAL VII 09/14/1994 U.S. PATENT DOCUMENTS FILING DATE IF **EXAMINER** DOCUMENT SUBCLASS CLASS DATE NAME APPROPRIATE INITIAL NUMBER FOREIGN PATENT DOCUMENTS FEB 2 7 2002 DOCUMENT **FECTANOS**O DATE COUNTRY CLASS NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Tetschner, Walt, "PC-Based Voice Processing Software Tools," Speech Technology, March-April 1988, pp. 42-45 Tetschner, Walt, "The Voicetek VTK 90 Voice Computer," Speech Technology, March-April 1987, pp. 102-106 "They've Got Your Number in AT&T's first Primary-Rate Test," Data Communications, February 1988, p. 15 (A21712494) "Toshiba Telecom Introduces Universal Instrumentation for Entire Line of Key and PBX Systems," Telecommunications Product Review, Volume 11, Number 2, February 1984 (A21708573) "Tracking the Trucks," Network World, September 5, 1984, p. 55 (A21708897) Excerpt from Transportation Technology (in Japanese), Volume 30, Number 7, 1975 (A21725045) "Trivia Promo Chips Away for Frito-Lay," Advertising Age, Date Unknown (A21707650) Trivial Tickets," The Fort Wayne Journal-Gazette, August 11, 1985 (A21706713) 'Two Firms Introduce FMS Products," Energy User News, Volume 9, August 6, 1984, p. 12 (A21708848) Tyson, David O., "Voice Mail Technology Streamlines Bank Telephone Messaging Services," The American Banker, October 15, 1986, p. 13 (A21706655) Upton, Molly, "No Clear Winner in War of Mails," Computerworld, May 19, 1986, p. 60 (A21708459) Vanandel, M. A., "While You're Away, AUDIX Will Answer," AT&T Technology, Volume 3, Number 3, 1988 (A21724808) "Vendor Support Eases GOP Costs," Computerworld, August 27, 1984 (A21708865) View from Silicon Valley: Silicon Valley Companies Battle for Advantage, Compatibility," Communications Daily, Volume 4. Number 90, May 8, 1984, p. 1 (A21708743) Virzi, Robert A., "Skip and Scan Telephone Menus: User Performance as a Function of Experience," Proceedings of the Human Factors Society 36th Annual Meeting-1992, p. 211-215 Vizcarrondo, John, et al., "HOBIS: New Designs on Hotel Billing," Bell Laboratories Record, January 1980 (A21709392) "VMX Announces InfoLink: New capability in Voice Messaging Arena," Business Wire, June 16, 1987 (A21714159) DATE CONSIDERED **EXAMINER** tella EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PT	O-1449		Docket No. (optiona	al)	Applicatio	n No.
			228/046		08/306,456	
INICODAI	TION		(prev. 6646-114N5)		Group Art	Unit OE
INFORMA	SURE CITA	TION IN	Applicant		2643	
AN APPL		11014 114	Ronald A. Katz		COA	Janua 13
			Filing Date		ORIGIN OF	( M)
SUPPLEMENTAL VII			09/14/1994		ORIGINALL,	PARENTS TRACE.
			U.S. PATENT DO	CUMENTS		<b>1</b> 89
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
			FOREIGN PATENT I	OOCUMEN.		FEB 2 7 2002
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	<sub>SUBCL</sub> ASCh	nology Center 2600
	OTHER	DOCUMENT	S (Including Author,	Title, Date	, Pertinent P	ages, Etc.)
8~	"VMX/Honneyv Australia and P	vell; (VMXI) (HO Pacific Basin," Bu	N) Take Voice Messaging 'E siness Wire, September 3,	Down Under' A 1986 (A217246	fter Signing Dist 699) repeated (A	ribution/OEM Agreement for A21706451)
1	"VMX, Inc. Add (A21708587)	ls Internal Rever	ue Service to Voice Messa	ge (SM) Users	" Southwest Ne	wswire, February 8, 1984
	"VMX, Inc. Ann	ounces Another	Good Quarter," Southwest	Newswire, Aug	just 1, 1984 (A2	1708846)
	"VMX, Inc. Ann	ounces First Qu	arter Results," Southwest N	ewswire, Octol	ber 18, 1985 (A2	21708063)
	"VMX, Inc. Ann (A21708776)	ounces Landma	rk Approval of first Voice Me	essage System	n in Japan," Sout	thwest Newswire, June 1, 1984
	"VMX; (VMXI) / (A21706457)	AT&T Tops List (	of Seven License Agreemen	ts Granted in 1	Third Quarter," B	Business Wire, September 9, 1986
	"VMX-Inc; (VM	XI) Hosts First In	iternational Networking Sem	ninar," Busines	s Wire, July 18,	1986 (A21706345)
		vides First Voice 1984 (A2170900	Message (SM) Systems to (7)	Three Bell Ope	erating Compani	ies," Southwest Newswire,
	"VMX, Inc. Rel (A21708852)	eases Audited Fi	scal 1984 Financials – It wa	s a Very Good	Year," Southwe	est Newswire, August 7, 1984
		Voice Messaging October 7, 1986	Leader VMX, Inc. Launche (A21706650)	s New Genera	tion Technology	with VMX(R) 5000 Series,"
			Patent-Holder VMX Inc. M Wire, September 15, 1986 (		ce after Signing	Distribution Agreement with
	"VMX; (VMXI) 10, 1987 (A217		s Voice Messaging System	Scores High S	ales During First	t Quarter,* Business Wire, March
<u></u>	Press Release	, Communication	ns Daily, Volume 4, Number	209, October 2	26, 1984, p. 6 (A	21708939)
EXAMINER	Stella	Uho		DATE CONS	SIDERED L-24-	0
EXAMINER: Ir	nitial if citation cor	nsidered, whether	er or not citation is in conform	nance with MP	EP 609. Draw li	ne

through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM P	TO-1449		Docket No. (option	nal)	Application No.				
			228/046		08/306,456	PEVC			
INFORM	ATION DISC	CLOSURE	(prev. 6646-114N5	)	Group Art U	Init O mat his			
CITATIO		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Applicant		2643	1910			
APPLICA	NOITA		Ronald A. Katz		COPY OF PAP ORIGINALLY FIL	\ RD			
			Filing Date		ORIGINAL PAR	ERO CATENT & TRACE			
SUPPLE	MENTAL VI		09/14/1994		ORIGINALLY FIL	ED			
			U.S. PATENT DOC			_			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
					DEC				
		F	OREIGN PATENT D	OCUMENT	s NECI	EIVED			
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSIDATION YES NO			
	NUMBER				Technology	Center 2600			
	071150			Fide Date	1				
			(Including Author, dober 7, 1985, p. 68 (A21		Pertinent Pag	jes, Etc.)			
Sw	Press Release, Computerworld, October 7, 1985, p. 68 (A21708055)  Press Release, PR Newswire, January 18, 1984 (A21708570)								
	Press Release, PR Newswire, April 10, 1984 (A21708655)								
	1		ober 16, 1984 (A2170893						
	Press Release, F	PR Newswire, Jan	uary 24, 1986 (A2170820)	7)					
	Voice Mail Broch	ure, Radio-Suisse	Ltd., Date Unknown (W7	0172)		•			
	Voice Mail User	Instructions, Voice	email International, 1991 (\	N70211)					
	"Voice Messagin	g Capability from	VMX," The Magazine of B	ank Managem	ent, October 1985	i, p. 86 (A21708037)			
	Voice Processing	g International Cor	nference Program, July 19	86 (A2172335	1)				
	Voice Processing	g – The New Revo	lution, Proceedings of the	International	Conference, July 1	1986 (A21722980)			
	"Voice System T	unes up Automake	er's Communications," Co	mputerworld, i	November 12, 198	4, p. 35 (A21708972)			
	'	•	n and Program, 1992 (W1			-			
			Daily, Volume 4, Number 1		84 n 9 (Δ217087	778)			
	1		Model 5,* Source Unknow						
	ŀ	·			·				
			ystems," Inbound/Outbour						
	Walker, Murt, "C pp. 8-19 (A2171)		aths to Revenue Generat	ing Services,"	AT&T Technology	r, Volume 6, Number 2, 1991,			
	Wallace, Bob, *A	II Voice Systems A	Are Not Alike," Network W	orld, Septemb	er 14, 1987 (A217	12240)			
Sw	Wallace, Bob, *C	Comnet '87; AT&T	Announces ISDN Interface	e for System 8	5," February 16, 1	987 (A21707796)			
EXAMINER	Stella	Mo		DATE CONS	SIDERED 24-0	7			
			or not citation is in conform sidered. Include copy of the						

			,			
FORM PTO-1449			Docket No. (optional)		Application No.	
			228/046		08/306,456	
INFORMATION DISCLOSURE CITATION IN			(prev. 6646-114N5)		Group Art Unit	
			Applicant	00	2643	(c) (c)
AN APPLICATION			Ronald A. Katz	COPY OF FORIGINALLY		19 2001
, , , , , , , , , , , , , , , , , , ,			Filing Date	MALLY	FILES	TEB 1
SUPPLEMENTAL VII			09/14/1994		LED	TRACE TRACE
			U.S. PATENT DO	CUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
					REC	FIVED
FOREIGN PATENT DOCUMENTS FED 2 7 2002						
	DOCUMENT	<u> </u>			r C D	2 7 2002
	NUMBER	DATE	COUNTRY	CLASS	Technolog	Dy Genter 2600
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
Walters, R. E., et al., "Voice Processing Systems in British Telecom," British Telecommunications Engineering, Volume 9, July 1990, pp. 88-97						
	Warner, Edward, "Bank's Speech Synthesizers Greet Financiers' Calls with Daily Balance," Computerworld, October 22, 1984, p. 6 (A21708937)					
	Watt, Peggy, "Local Phone Companies Eyeing Market for Voice Mail Services," Computerworld, March 24, 1986, p. 23 (A21708350)					
	Watt, Peggy, "Republicans Ready for High-Tech: GOP Convention will Feature Voice Message System," InfoWorld, August 27, 1984 (A21708862)					
	Weinstein, Bob, "Stock Exchange Gets News by Phone," Inbound/Outbound, October 1988, pp. 39-46 (A21725744)					
	Weinstein, Bob, "Stopping the Broker's Bottleneck," Inbound/Outbound, November 1988, pp. 22-23 (A21725753)					
	West Interactive Settles with FDR: Patent Suit Settlement Could Have major Industry Impact," Enterprise Communications, November 1994 (A01331040)					
	Whalen, Bernie, "Marketers Expand Applications of Dial-It 900 Technology," Marketing News, November 26, 1982, (A21725861)					
	"What's An 'Automated' Attendant," Inbound/Outbound, July 1989, pp. 40-42 (A21724789)					
	"Whether to Answer the Phone," The Washington Post, December 7, 1986 (A21707563)					
	Whitten, W. B., "Advanced Interfaces Speed Delivery of Services," AT&T Technologies, Volume 2, Number 3 (A21707593)					
	"Who Switches Data Along with Voice? PBX Users, Increasingly," Data Communications, February 1987, p. 77 (A21707751)					
	Wilpon, Jay G., et al., "Speech Recognition: From the Laberatory to the Real World," AT&T Technical Journal, September-October 1990, pp. 14-24 (A21723481)					
8~	Wise, Deborah C. "This Computer Even Deciphers Noo Yawk Talk," Business Week, September 23, 1985, pp. 40-42 (A01354687)					
EXAMINER	DATE CONSIDERED					
	Stella	Woo	3		2-24	
			ther or not citation is in conform to considered. Include copy of the considered of the copy of the co			

COPY OF PARENS application No. Docket No. (optional) FORM PTO-1449 228/046 08/306.456 **Group Art Unit** (prev. 6646-114N5) INFORMATION DISCLOSURE 2643 Applicant CITATION IN AN APPLICATION Ronald A. Katz SUPPLEMENTAL VII Filing Date 09/14/1994 U.S. PATENT DOCUMENTS DOCUMENT **EXAMINER SUBCLASS** FILING DATE IF APPROPRIATE CLASS DATE NAME INITIAL NUMBER ECEIVED FOREIGN PATENT DOCUMENTS FEB 2 7 2007 TRANSLATION DOCUMENT DATE COUNTRY CLASS SUBCLA NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Witten, Ian H., "Making Computers Talk: An Introduction to Speech Synthesis," Prentice-Hall, 1986 (A21708148) Wolfe, R. M., et al., "Telecommunications Data Base Application with the 3B™20 Processor," ISS '84 Florence, May 1984, Session 22 A, Paper 2 (A21725518) Wollenberg, Skip, "American Express Affiliate Plans Interactive Phone Service," The Associated Press, January 19, 1989 (A01331396) Wong, Stephanie Lam, "Just a Phone Call Away," San Francisco Chronicle, Date Unknown (A21707649) Wood, Lamont, "Stretching the Workday; Corporate Users Find that Voice Mail Saves them Time in Transmitting Important Messages," Computer Decisions, Volume 18, December 2, 1986, p. 44 (A21707561) Wood, Lamont, "Will New Alliances Forge Better Links? Private Branch Exchange Vendors Merge with Computer Firms," Computer Decisions, Volume 18, July 29, 1986, p. 40 (A21706353) Worrall, D. P., "New Custom Calling Services," The Bell System Technical Journal, Volume 61, Number 5, May-June 1982 pp. 821-839 (A21725897) "Worthwhile Trivia," The New York Times, Date Unknown (A21706711) "Yes! Songs For You," Advertisement, Source Unknown (W73764) Youngs, E. A., "The Changing Role of Human Factors Work Supporting New Telecommunications Products and Service," Proceedings of the Tenth International Symposium on Human Factors in Telecommunications, June 1983 (A21725809) Youngs, E. A., "Effects of Automating Operator Services on Customers and Operators," Proceedings of the Eighth International Symposium on Human Factors in Telecommunications," September 1977, pp. 251-255 (A21725776) "Zenith; Centel Plans Zenith Phonevision Pay-Per-View Cable TV System," Business Wire, December 5, 1985 (A21708105) Zeno, Charlie, "Trivia Buff's Special Party for 678 Kids," Contra Costa Times, Date Unknown (A21706788) Zuckerman, Steve, "Ogilvy & Mather/Dallas Looks for Partner to Go After Bigger Accounts," Dallas Business Courier, Volume 2. Number 21, Section 1, September 8, 1986, p. 12 (A21706454) DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.